USDA United States Department of Agriculture

Natural Resources Conservation Service

Montana Water Supply Outlook Report April 1, 2007

Picture: Black Bear SNOTEL Site - Winter of 1997

Water Supply Outlook Report
and
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:

See Attached List

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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United States Department of Agriculture
Natural Resources Conservation Service
Bozeman, Montana

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Federal Bldg Room 443
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Where to Get More Information

This contact list provides you with the names and phone numbers of individuals who can provide more detailed snow survey information for each county.

Beaverhead County
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683-3800

Big Horn County
Evan Van Order
665-3442

Blaine County
Matthew Crampton
357-2320

Broadwater County
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Carter County
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Justin Meissner
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Granite County
Mary McDonald
859-3291

Hill County
Deana Grabofsky
265-6792

Jefferson County
Julie Sacks
287-3215

Judith Basin County
Rick Caquelin
566-2311

Lake County
David Wolf
676-2841

Lewis and Clark County
Mindy Gauthier
449-5000

Liberty County
Dawn Wickum
759-5778

Lincoln County
Kirk Sullivan
296-2233

Madison County
Ole Berkram
842-5741

McCone County
Regan Kirchner
485-2744

Meagher County
Tammy DeCock
547-3633

(over)

Mineral County
Tony Prince
829-3395

Missoula County
Tony Prince
829-3395

Musselshell County
Justin Meissner
323-2103

Park County
Ron Hoagland
222-2899

Petroleum County
Nikki Rife
429-6646

Phillips County
Lorna Philp
654-1334

Pondera County
Stacy Eneboe
278-3922

Powder River County
Carol Hilliard
436-2417

Powell County
Glen Green
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Prairie County
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635-5381

Ravalli County
Henry Burkwhat
363-5010

Richland County
Jamie Selting
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Roosevelt County
Robert Bray
787-5232

Rosebud County
Rocky Schwagler
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Sanders County
Don Feist
826-3701

Sheridan County
Monica Friedrich
765-1801

Silver Bow County
Julie Sacks
287-3215

Stillwater County
Philip Sandoval
322-5359

Sweet Grass County
Chuck Roloff
932-5160

Teton County
Thedis Crowe
466-5722

Toole County
Misty Vermulm
434-5234

Treasure County
Danae Pinkerton
342-5510

Valley County
Denise Wiedenheft
228-4321

Wheatland County
John Oiestad
632-5534

Wibaux County
Katrina Johnson
796-2211

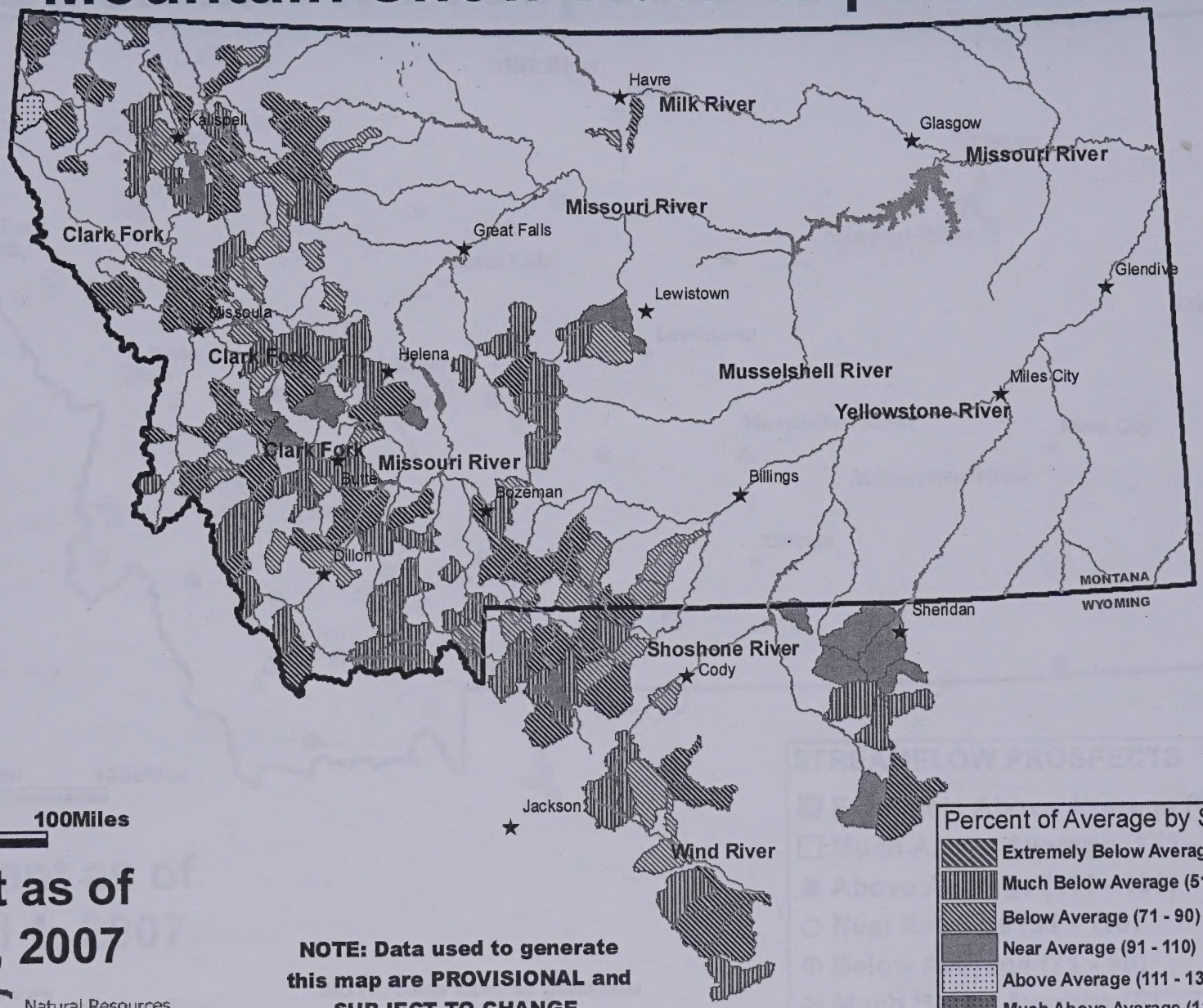
Yellowstone County
Valerie Roberson
657-6135

1/8/06

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Mountain Snow Water Equivalent

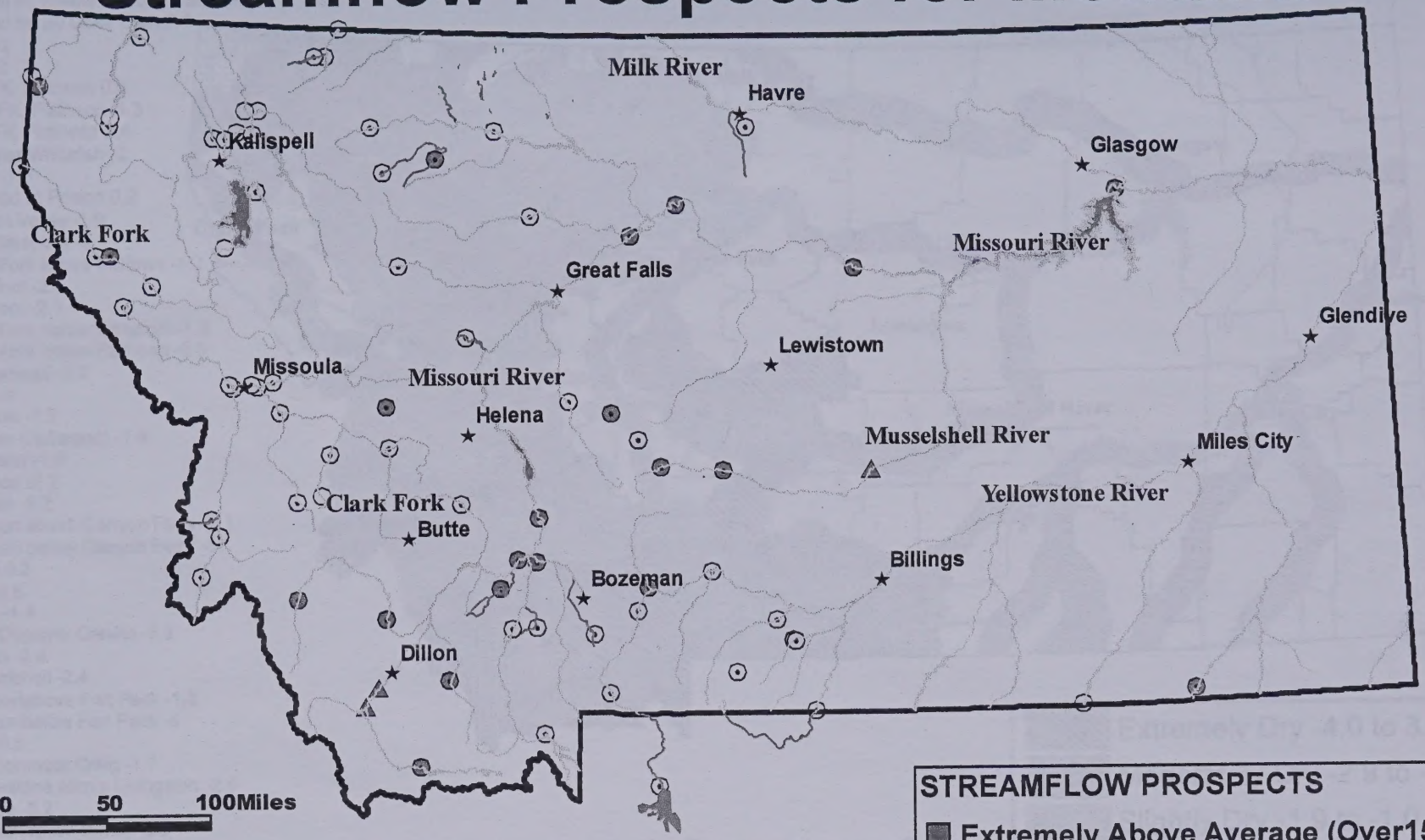


Montana Statewide Water Situation

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Streamflow Prospects for Montana



Current as of April 1, 2007

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

STREAMFLOW PROSPECTS

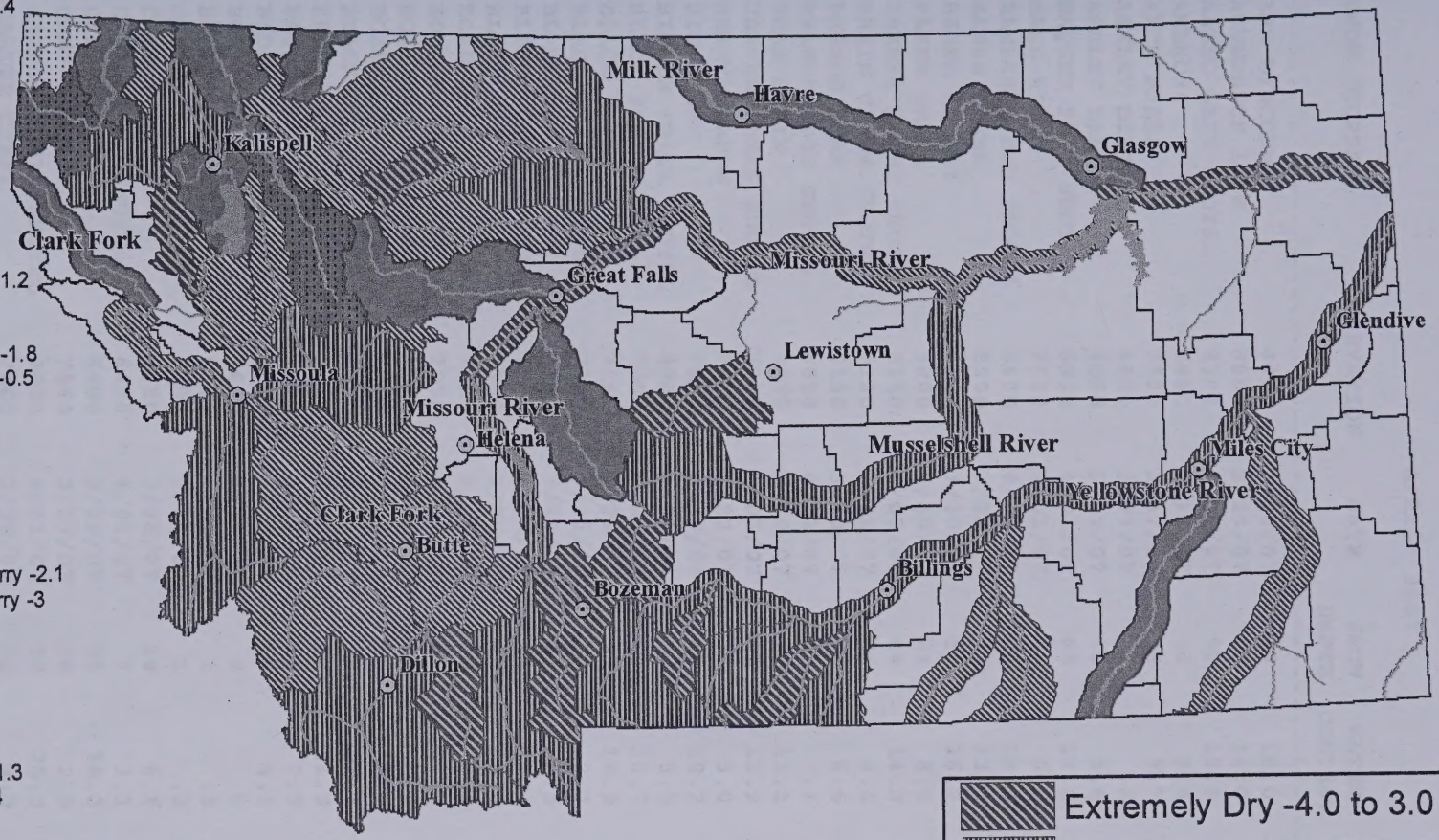
- Extremely Above Average (Over150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- Below Average (71 - 90)
- Much Below Average (51 - 70)
- Extremely Below Average (Below 51)

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

RIVER INDEX & SWSI VALUES

1 Marias above Tiber Reservoir -1.6
2 Tobacco -1.2
3 Kootenai Ft. Steele to Libby Dam 0.6
4 Kootenai below Libby Dam 2.4
5 Fisher -2
6 Yaak 1.2
7 North FK. Flathead 0.5
8 Middle FK. Flathead -1.3
9 South FK. Flathead 2.4
11 Stillwater/Whitefish -2
12 Swan -1.6
13 Flathead at Polson 0.2
14 Mission Valley -1.9
15 Little Bitterroot -3
16 Clark Fork above Milltown -1.2
17 Blackfoot -2.1
19 Bitterroot -2.1
20 Clark Fork below Bitterroot -1.8
21 Clark Fork below Flathead -0.5
22 Beaverhead -2.2
23 Ruby -4
24 Big Hole -1.7
25 Boulder (Jefferson) -1.9
26 Jefferson -1.6
27 Madison -2.2
28 Gallatin -3.2
29 Missouri above Canyon Ferry -2.1
30 Missouri below Canyon Ferry -3
31 Smith 0.2
32 Sun -0.6
33 Teton -1.4
34 Birch/Dupuyer Creeks -3.3
35 Marias -2.4
36 Musselshell -2.4
37 Missouriabove Fort Peck -1.3
38 Missouribelow Fort Peck -4
39 Milk -0.5
40 Dearbornnear Craig -1.7
41 Yellowstone above Livingston -2.4
42 Shields -3.2
43 Boulder(Yellowstone) -3.3
44 Stillwater -2.3
45 Rock/Red Lodge Creeks -3.4
46 Clarks Fork -2.4
47 Yellowstone above Bighorn -2.5
48 Bighorn below Bighorn Lake -1.9
49 Little Bighorn -1.5
50 Yellowstone below Bighorn -2.2
51 Tongue 0.2
52 Powder -1.7
53 Upper Judith River -3.1
54 Saint Mary River -0.9



Extremely Dry -4.0 to 3.0
Moderately Dry -2.9 to -2.0
Slightly Dry -1.9 to -1.0
Near Average -0.9 to 0.9
Sightly Wet 1.0 to 1.9
Moderately Wet 2.0 to 2.9
Extremely Wet 3.0 to 4.0
SWSI Not Apllicable

Current as of April 1, 2007

0 45 90 Miles

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

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SNOTEL AND SNOW COURSE SUMMARY

APRIL 2007

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ABE LINCOLN	4440	3/30/07	36	15.0	19.1	18.9
ABUNDANCE LAKE	8800	3/29/07	48	14.0	17.3	20.6
ALBRO LAKE SNOTEL	8300	4/01/07	52	15.9	18.8	20.8
AMBROSE	6480	3/26/07	28	9.4	10.0	12.4
ARCH FALLS	7350	3/27/07	26	8.7	11.3	11.9
ASHLEY DIVIDE	4820	3/27/07	3	.6	4.2	6.0
ASHLEY LAKE	4000	3/27/07	6	1.6	3.5	5.5
BADGER PASS SNOTEL	6900	4/01/07	65	29.1	33.3	35.3
BALD RIDGE	7500	4/01/07	---	8.1E	15.2	12.4
BANFIELD MTN SNOTEL	5600	4/01/07	41	15.2	17.6	19.8
BAREE CREEK	5500	3/30/07	75	33.3	33.3	43.1
BAREE MIDWAY	4600	3/30/07	64	26.7	33.4	33.0
BAREE TRAIL	3800	3/30/07	21	8.1	11.8	7.7
BARKER LAKES SNOTEL	8250	4/01/07	46	14.0	14.4	14.6
BASIN CREEK SNOTEL	7180	4/01/07	26	6.4	8.6	8.7
BASSOO PEAK	5150	3/30/07	18	6.6	10.3	9.7
BEAGLE SPGS SNOTEL	8850	4/01/07	23	7.1	10.4	9.3
BEAR BASIN	8150	3/29/07	37	11.1	19.5	20.4
BEAVER CREEK SNOTEL	7850	4/01/07	41	12.9	20.6	18.2
BERRY MEADOW	7000	3/27/07	11	3.0	6.3	7.4
BIG SNOWY	7150	3/27/07	48	18.2	23.4	20.2
BISSON CREEK SNOTEL	4920	4/01/07	18	5.5	9.3	9.9
BLACK BEAR SNOTEL	7950	4/01/07	83	30.7	48.6	39.8
BLACK MOUNTAIN	7750	3/29/07	52	16.2	14.5	14.6
BLACK PINE SNOTEL	7100	4/01/07	22	8.7	11.6	12.5
BLACKTAIL	5650	3/27/07	28	9.5	14.2	14.2
BLOODY DICK SNOTEL	7550	4/01/07	26	9.2	11.9	12.6
BLUE LAKE	5900	3/26/07	43	18.0	20.6	23.7
BOTS SOTS	7750	3/27/07	9	3.2	5.6	7.8
BOULDER MTN SNOTEL	7950	4/01/07	56	16.9	23.0	20.4
BOX CANYON SNOTEL	6700	4/01/07	15	5.4	10.3	10.4
BOXELDER CREEK	5100	3/26/07	16	5.7	7.8	7.6
BRACKETT CR SNOTEL	7320	4/01/07	34	12.3	22.3	21.5
BRANHAM LAKES	8850	3/27/07	66	21.9	31.2	28.9
BRISTOW CREEK	3900	3/27/07	19	7.5	8.9	8.4
BRUSH CREEK TIMBER	5000	3/28/07	13	4.6	7.8	8.1
BULL MOUNTAIN	6600	3/26/07	0	.0	6.0	5.9
BURNT MTN SNOTEL	5880	4/01/07	1	.5	3.4	6.2
CABIN CREEK	5200	3/26/07	1	.3	3.8	5.4
CALL ROAD	8050	3/26/07	24	6.6	10.2	11.9
CALVERT CR SNOTEL	6430	4/01/07	7	3.1	9.9	8.1
CAMP MISERY	6400	3/29/07	92	38.3	54.4	49.3
CAMP SENIA	7890	3/27/07	10	2.9	3.3	6.2
CARROT BASIN SNOTEL	9000	4/01/07	67	20.0	31.8	28.1
CARTER CREEK	7400	3/30/07	11	2.9	5.7	6.3
CEDAR GROVE	3760	3/27/07	21	7.2	11.4	11.4
CHESSMAN RESERVOIR	6200	3/27/07	3	.5	1.3	3.5
CHICKEN CREEK	4060	3/28/07	37	14.3	18.5	15.2
CLOVER MDW SNOTEL	8800	4/01/07	44	11.2	15.9	18.0
COLE CREEK SNOTEL	7850	4/01/07	42	10.9	9.9	16.4
COLLEY CREEK	6300	3/30/07	14	4.1	8.7	7.9
COMBINATION SNOTEL	5600	4/01/07	0	.0	4.1	4.9
COPPER BOTTOM SNOTEL	5200	4/01/07	0	.0	6.2	11.0
COPPER CAMP SNOTEL	6950	4/01/07	89	42.0	43.8	--
COPPER CREEK	5700	4/01/07	0	.0	8.7	13.3
COPPER MOUNTAIN	7700	3/26/07	26	7.4	12.3	11.2
COTTONWOOD CREEK	6400	3/29/07	26	6.8	7.2	8.3
COYOTE HILL	4200	3/29/07	9	2.4	8.2	8.7
CREVICE MOUNTAIN	8400	4/01/07	---	7.8E	11.2	10.8

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
CRYSTAL LAKE SNOTEL	6050	4/01/07	35	13.0	18.7	12.3
DAD CREEK LAKE	8400	3/26/07	34	8.6	13.7	14.9
DAISY PEAK SNOTEL	7600	4/01/07	30	7.9	10.0	11.0
DALY CREEK SNOTEL	5780	4/01/07	24	8.1	10.6	11.1
DARKHORSE LK. SNOTEL	8700	4/01/07	74	25.3	30.6	32.5
DAVIS CREEK	5400	3/28/07	54	23.8	27.6	24.2
DEADMAN CR SNOTEL	6450	4/01/07	16	6.6	12.2	10.0
DESERT MOUNTAIN	5600	3/26/07	32	11.2	14.2	14.7
DISCOVERY BASIN	7050	3/26/07	31	9.3	9.0	10.4
DIVIDE SNOTEL	7800	4/01/07	25	7.0	11.9	11.3
DIX HILL	6400	4/01/07	13	4.3	9.9	10.3
DUPUYER CREEK SNOTEL	5750	4/01/07	14	4.6	5.9	9.9
EAGLE CREEK	7000	3/27/07	22	8.0	13.9	13.8
EAST FORK R.S.	5400	3/26/07	2	.4	5.3	4.7
EL DORADO MINE	7800	3/25/07	31	10.3	13.0	20.2
ELK HORN SPRINGS	7800	3/29/07	19	3.8	13.2	9.1
ELK PEAK	8000	3/29/07	39	12.6	13.0	16.1
EMERY CREEK SNOTEL	4350	4/01/07	23	8.9	14.1	15.3
FATTY CREEK	5500	3/30/07	47	18.2	26.3	24.3
FISH CREEK	8000	3/28/07	38	8.6	8.8	9.9
FISHER CREEK SNOTEL	9100	4/01/07	90	28.1	39.0	35.4
FIVE-BULL	5700	4/01/07	0	.0	3.7	5.5
FLATTOP MTN SNOTEL	6300	4/01/07	101	40.6	47.9	45.1
FLEECER RIDGE	7500	3/26/07	17	5.5	9.6	10.9
FOOLHEN	8280	3/29/07	41	10.2	17.4	16.2
FOREST LAKE	6400	3/27/07	15	5.4	11.0	11.7
FOUR MILE	6900	3/26/07	7	2.1	7.0	8.4
FOURTH OF JULY	3450	3/30/07	11	4.2	9.8	7.4
FRED BURR PASS	8000	3/28/07	72	25.2	23.1	23.9
FREIGHT CREEK	6000	3/26/07	25	8.4	10.8	14.8
FROHNER MDWS SNOTEL	6480	4/01/07	18	6.2	7.5	8.0
GARVER CREEK SNOTEL	4250	4/01/07	23	9.0	9.9	9.9
GIBBONS PASS	7100	3/28/07	49	16.0	25.2	22.7
GOAT MOUNTAIN	7000	3/25/07	18	6.1	8.8	9.7
GOLD CREEK LAKE	7200	3/25/07	47	16.9	19.8	14.7
GOLD STONE	8100	3/29/07	36	9.0	13.1	16.9
GRASSHOPPER	7000	3/29/07	9	2.0	5.1	5.8
GRAVE CRK SNOTEL	4300	4/01/07	23	9.5	16.8	15.6
GRIFFIN CR DIVIDE	5150	4/02/07	11	3.7	10.7	10.3
GUNSIGHT LAKE	6300	3/26/07	73	31.3	36.4	39.3
HAND CREEK SNOTEL	5030	4/01/07	13	5.1	12.1	11.7
HAWKINS LAKE SNOTEL	6450	4/01/07	73	28.8	27.1	27.4
HAYMAKER	8050	3/26/07	23	7.7	10.5	11.8
HEART LAKE TRAIL	4800	3/29/07	37	12.4	18.7	20.6
HEBGEN DAM	6550	3/30/07	13	1.3	11.6	12.0
HELL ROARING DIVIDE	5770	3/27/07	61	23.6	33.1	29.5
HERRIG JUNCTION	4850	3/28/07	55	22.3	26.3	26.0
HOLBROOK	4530	3/30/07	0	.0	6.8	8.2
HOODOO BASIN SNOTEL	6050	4/01/07	87	34.5	46.6	45.3
ICEBERG LAKE NO 3	5600	3/26/07	68	30.6	--	--
INDEPENDENCE	7850	3/29/07	36	11.4	18.1	17.4
INTERGAARD	6450	3/25/07	14	4.5	6.3	7.7
JAHNKE LAKE TRAIL	7200	3/29/07	22	5.7E	8.4	10.4
JOHNSON PARK	6450	3/28/07	5	.8	3.7	5.5
JOSEPHINE LOWER NO 9	4900	3/29/07	23	9.3	--	--
KEELER CREEK	3300	3/26/07	37	14.9	19.0	11.5
KINGS HILL	7500	3/26/07	29	8.8	12.7	13.7
KISHENEHN	3890	3/28/07	18	6.1	6.5	6.8
KRAFT CREEK SNOTEL	4750	4/01/07	0	.0	10.3	14.1
LAKE CREEK	6100	3/26/07	9	1.6	9.4	8.2
LAKEVIEW CANYON	6930	3/29/07	22	6.2	9.6	11.1
LAKEVIEW RDG. SNOTEL	7400	4/01/07	23	7.2	13.0	11.8
LEMHI RIDGE SNOTEL	8100	4/01/07	28	7.2	11.8	11.2
LICK CREEK SNOTEL	6860	4/01/07	32	10.1	10.0	13.0

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LITTLE PARK	7400	3/29/07	31	9.3	18.2	15.9
LOGAN CREEK	4300	3/28/07	14	4.6	7.2	6.7
LONE MOUNTAIN SNOTEL	8880	4/01/07	45	14.8	22.2	18.7
LOST HORSE	5940	3/29/07	52	20.2	27.8	30.7
LOST SOUL	4800	3/26/07	29	11.5	12.7	14.0
LOWER TWIN SNOTEL	7900	4/01/07	42	12.2	18.2	19.0
LUBRECHT SNOTEL	4680	4/01/07	0	.0	3.3	3.6
LUBRECHT FOREST NO 3	5450	4/01/07	0	.0	4.6	5.7
LUBRECHT FOREST NO 4	4650	4/01/07	0	.0	1.6	1.3
LUBRECHT FOREST NO 6	4040	4/01/07	0	.0	2.8	1.6
LUBRECHT HYDROPLOT	4200	4/01/07	0	.0	5.6	2.9
MADISON PLT SNOTEL	7750	4/01/07	49	16.5	27.3	25.5
MANY GLACIER SNOTEL	4900	4/01/07	16	5.5	10.7	15.3
MARIAS PASS	5250	3/29/07	27	11.5	15.7	16.8
MIDDLE MILL CREEK	7850	3/27/07	31	10.4	16.0	15.6
MILL CREEK	7500	3/30/07	34	10.5	14.2	12.6
MINERAL CREEK	4000	3/29/07	13	4.6	17.0	17.4
MONUMENT PK SNOTEL	8850	4/01/07	52	17.1	23.9	21.0
MOSS PEAK SNOTEL	6780	4/01/07	92	35.2	39.2	38.2
MOULTON RESERVOIR	6850	3/28/07	12	3.1	8.4	6.9
MOUNT ALLEN NO 7	5700	3/29/07	69	29.7	--	--
MT LOCKHART SNOTEL	6400	4/01/07	37	16.7	18.4	21.1
MUDD LAKE	7650	3/28/07	46	14.4	22.1	19.7
MULE CREEK SNOTEL	8300	4/01/07	43	11.9	15.4	15.8
N.E. ENTRANCE SNOTEL	7350	4/01/07	9	3.8	10.2	11.3
NEVADA RIDGE SNOTEL	7020	4/01/07	31	10.9	15.4	15.5
NEW WORLD	6900	3/29/07	34	8.8E	15.0	14.6
NEWTON MOUNTAIN	5600	3/30/07	63	28.6	38.2	33.9
NEZ PERCE CMP SNOTEL	5650	4/01/07	27	9.9	16.3	14.7
NEZ PERCE CREEK	6600	3/26/07	8	2.6	7.2	6.5
NEZ PERCE PASS	6570	3/27/07	27	8.8	15.9	17.8
N.F. ELK CR SNOTEL	6250	4/01/07	32	9.7	11.4	12.4
NF JOCKO SNOTEL	6330	4/01/07	78	32.8	45.3	45.3
NOISY BASIN SNOTEL	6040	4/01/07	90	33.7	45.0	40.9
NOTCH	8500	3/26/07	44	13.4	16.9	16.7
OPHIR PARK	7150	4/01/07	30	10.3	15.4	16.7
PALISADE CREEK	8250	3/29/07	68	25.4	34.4	29.8
PETERSON MDW SNOTEL	7200	4/01/07	34	10.3	9.3	10.5
PICKET PIN LOWER	6200	3/30/07	0	.0	.0	2.6
PICKET PIN MIDDLE	7250	3/30/07	5	.6	8.7	10.9
PICKET PIN UPPER	8100	3/30/07	47	13.3	18.3	19.3
PICKFOOT CRK SNOTEL	6650	4/01/07	17	5.2	12.6	11.7
PIEGAN PASS NO 6	5500	3/29/07	63	28.9	--	--
PIKE CREEK SNOTEL	5930	4/01/07	48	19.9	28.2	27.5
PIPESTONE PASS	7200	3/26/07	9	2.6	4.5	5.7
PLACER BASIN SNOTEL	8830	4/01/07	47	13.8	17.9	17.8
POORMAN CR SNOTEL	5100	4/01/07	70	31.3	42.3	32.7
PORCUPINE SNOTEL	6500	4/01/07	0	.0	8.8	6.9
POTOMAGETON PARK	7150	3/30/07	40	9.4	16.2	13.8
PTARMIGAN	5800	3/26/07	67	30.2	--	--
RED MOUNTAIN	6000	3/28/07	41	16.2	18.5	18.8
RED TOP	5260	3/30/07	56	23.4	31.0	28.4
REVAIS CREEK	4800	3/26/07	0	.0	.0	1.8
ROCK CREEK	5600	3/27/07	7	2.2	12.8	9.8
ROCK CREEK MEADOW	8160	4/04/07	55	16.1	22.4	20.7
ROCKER PEAK SNOTEL	8000	4/01/07	43	12.0	14.6	14.3
ROCKY BOY SNOTEL	4700	4/01/07	6	.8	3.2	4.4
SACAJAWEA	6550	3/28/07	15	4.4	13.6	13.8
SACAJAWEA SNOTEL	6550	4/01/07	19	6.5	15.5	14.8
SADDLE MTN SNOTEL	7900	4/01/07	67	19.9	27.8	25.8
S.F. SHIELDS SNOTEL	8100	4/01/07	40	12.6	20.4	17.7
SHORT CREEK SNOTEL	7000	4/01/07	8	3.2	6.6	6.1
SHOWER FALLS SNOTEL	8100	4/01/07	60	19.0	22.7	22.7
SKALKAHO SNOTEL	7260	4/01/07	51	19.5	25.1	24.3

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
SLAG-A-MELT LAKE	8750	3/29/07	60	15.0	31.5	24.9
SLEEPING WOMAN SNTL	6150	4/01/07	32	12.3	16.2	17.2
SLIDE ROCK MOUNTAIN	7100	3/24/07	30	9.9	14.1	15.5
SMUGGLER MINE	6960	3/27/07	18	5.6	9.7	9.7
SPOTTED BEAR MTN.	7000	3/26/07	21	6.7	13.3	14.1
SPUR PARK SNOTEL	8100	4/01/07	61	18.3	22.0	21.5
STAHL PEAK SNOTEL	6030	4/01/07	81	31.3	38.3	35.3
STEMPLE PASS	6600	3/30/07	22	6.7	9.1	10.2
STORM LAKE	7780	3/28/07	43	12.0	13.5	13.3
STRYKER BASIN	6180	3/28/07	66	24.3	36.9	31.9
STUART MOUNTAIN SNTL	7400	4/01/07	75	28.6	34.5	34.2
TAYLOR ROAD	4080	3/26/07	0	.0	3.5	1.7
TEN MILE LOWER	6600	3/28/07	17	4.1	7.0	7.0
TEN MILE MIDDLE	6800	3/28/07	31	8.2	11.2	11.4
TEPEE CREEK SNOTEL	8000	4/01/07	34	10.8	16.6	13.5
TIMBERLINE CREEK	8850	3/27/07	34	10.0	9.3	14.2
TIZER BASIN SNOTEL	6840	4/01/07	30	10.3	9.8	10.3
TRAIL CREEK	7090	3/26/07	12	3.1	11.8	8.5
TRINKUS LAKE	6100	3/26/07	82	36.1	44.8	42.0
TRUMAN CREEK	4060	3/30/07	2	.4	1.7	3.7
TV MOUNTAIN	6800	3/30/07	43	15.1	19.1	18.3
TWELVEMILE SNOTEL	5600	4/01/07	22	9.5	21.2	17.5
TWENTY-ONE MILE	7150	3/26/07	28	9.2	18.5	16.9
TWIN CREEKS	3580	3/26/07	12	4.2	9.0	9.6
TWIN LAKES SNOTEL	6400	4/01/07	77	33.5	48.5	39.7
UPPER HOLLAND LAKE	6200	3/26/07	62	25.6	25.6	34.6
WALDRON SNOTEL	5600	4/01/07	24	8.6	11.2	10.8
WARM SPRINGS SNOTEL	7800	4/01/07	69	21.3	21.6	21.2
WEASEL DIVIDE	5450	3/30/07	66	25.5	33.8	32.9
WEST YELL'ST SNOTEL	6700	4/01/07	14	5.5	13.4	12.8
WHISKEY CREEK SNOTEL	6800	4/01/07	33	10.4	16.1	17.4
WHITE MILL SNOTEL	8700	4/01/07	60	18.2	25.5	24.6
WHITE PINE RIDGE	8850	3/26/07	12	4.6	5.9	6.0
WILLOW CREEK	6500	3/29/07	11	1.2	5.8	8.1
WOOD CREEK SNOTEL	5960	4/01/07	21	6.6	10.9	10.0
WRONG CREEK	5700	3/29/07	21	7.2	10.5	12.3
WRONG RIDGE	6800	3/28/07	31	11.0	12.3	18.0

Montana Water Supply Outlook Report as of April 1, 2007

March mountain precipitation state-wide was 66 percent of average and March mountain snowpack increases were well below average, with the exception of the Tongue and Powder basins where above average increases occurred at the end of March. March mountain precipitation west of the Divide was 82 percent of average and east of the Divide was 54 percent of average. March mountain snowpack percentage points decreased an average of 17 percent from March 1 due to above average temperatures and below average precipitation. Snow melt had begun at lower elevations and warm facing mountain exposures, but cooler temperatures in late March and early April have slowed significant snow melt. SNOTEL data indicates there has been about a 2 to 5 percent gain in the mountain snowpack from April 1 measurements with the Lower Yellowstone Basin gaining about 16 percent. On April 1, the mountain snowfall season is about 95 percent complete and the mountains will typically reach seasonal peaks during April.

Snowpack

As of APRIL 1, mountain snow water contents statewide were 70 percent of average and 70 percent of last year. West of the Divide snowpack was 75 percent of average and 75 percent of last year. East of the Divide snowpack was 68 percent of average and 70 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR	MARCH % CHANGE
COLUMBIA	75	75	-15
KOOTENAI, MONTANA	85	80	-14
KOOTENAI, CANADA	105	119	-4
FLATHEAD, MONTANA	73	73	-16
FLATHEAD, CANADA	75	69	-27
UPPER CLARK FORK	71	75	-14
BITTERROOT	70	67	-15
LOWER CLARK FORK	79	78	-14
MISSOURI	66	65	-21
MISSOURI HEADWATERS	66	63	-16
JEFFERSON	67	65	-16
MADISON	64	61	-15
GALLATIN	67	64	-13
MISSOURI MAINSTEM	68	70	-30
HEADWATERS MAINSTEM	75	77	-18
SMITH-JUDITH-MUSSELSHELL	69	64	-33
SUN-TETON-MARIAS	67	75	-23
MILK (Bearpaw Mtns.)	47	45	-68
ST. MARY	65	67	-22
ST. MARY & MILK	63	63	-39
YELLOWSTONE	69	77	-10
UPPER YELLOWSTONE	63	66	-18
LOWER YELLOWSTONE	74	91	-3
STATE-WIDE	70	70	-17

Precipitation

March mountain and valley precipitation across the state was 70 percent of average and 84 percent of last year, while the water year precipitation was 101 percent of average and 94 percent of last year. West of the Continental Divide, March mountain and valley precipitation was 80 percent of average and 103 percent of last year and the water year precipitation was 105 percent of average and 101 percent of last year. East of the Divide, March mountain and valley precipitation was 63 percent of average and 73 percent of last year and the water year precipitation was 97 percent of average and 89 percent of last year.

RIVER BASIN	MARCH % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	80	105
KOOTENAI	107	116
FLATHEAD	82	103
UPPER CLARK FORK	68	100
BITTERROOT	65	100
LOWER CLARK FORK	89	108
MISSOURI	56	97
JEFFERSON	57	95
MADISON	44	87
GALLATIN	51	89
MISSOURI MAINSTEM	61	99
SMITH-JUDITH-MUSSELSHELL	65	106
SUN-TETON-MARIAS	49	97
MILK	94	119
ST. MARY	137	115
YELLOWSTONE	86	94
UPPER YELLOWSTONE	52	92
LOWER YELLOWSTONE	125	97
STATE-WIDE	84	107

Reservoirs

Major reservoir storages state-wide were 85 percent of average and 99 percent of last year. Reservoir storage west of the Continental Divide was 156 percent of average and 103 percent of last year. East of the Continental Divide, reservoir storage was 67 percent of average and 98 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	156	103
KOOTENAI	185	92
FLATHEAD	142	113
UPPER CLARK FORK	108	97
BITTERROOT	179	207
LOWER CLARK FORK	118	104
MISSOURI	65	98
JEFFERSON	92	116
MADISON	104	103
GALLATIN	153	97
MISSOURI MAINSTEM	63	97
SMITH-JUDITH-MUSSELSHELL	75	102
SUN-TETON-MARIAS	95	95
MILK	100	103
ST. MARY	117	127
YELLOWSTONE	100	99
UPPER YELLOWSTONE	100	94
LOWER YELLOWSTONE	101	99
STATE-WIDE	85	99

Streamflow

State-wide, streamflow forecasts average 65 to 78 percent, and rain will be necessary to keep rivers and streams from falling to critically low flows. West of the Continental Divide, streamflow forecasts average 75 and 84 percent and east of the Continental Divide, average between 57 and 73 percent.

Below are averaged river basin streamflow forecast summaries for the period April 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	April-July THIS YEAR % OF AVERAGE	April-July LAST YEAR % OF AVERAGE
COLUMBIA	75 to 84	87 to 97
KOOTENAI	87 to 95	90 to 98
FLATHEAD	76 to 83	92 to 100
UPPER CLARK FORK	71 to 83	76 to 90
BITTERROOT	73 to 80	102 to 111
LOWER CLARK FORK	74 to 82	88 to 95
MISSOURI	54 to 72	78 to 97
JEFFERSON	42 to 59	74 to 93
MADISON	71 to 77	103 to 110
GALLATIN	67 to 77	99 to 109
MISSOURI MAINSTEM	55 to 68	85 to 100
SMITH-JUDITH-MUSSELSHELL	40 to 64	102 to 120
SUN-TETON-MARIAS	65 to 82	63 to 82
MILK	63 to 93	40 to 83
ST. MARY	83 to 90	85 to 92
YELLOWSTONE	63 to 75	83 to 94
UPPER YELLOWSTONE	67 to 77	94 to 104
LOWER YELLOWSTONE	59 to 73	67 to 81
STATE-WIDE	64 to 77	82 to 96

Surface Water Supply Index

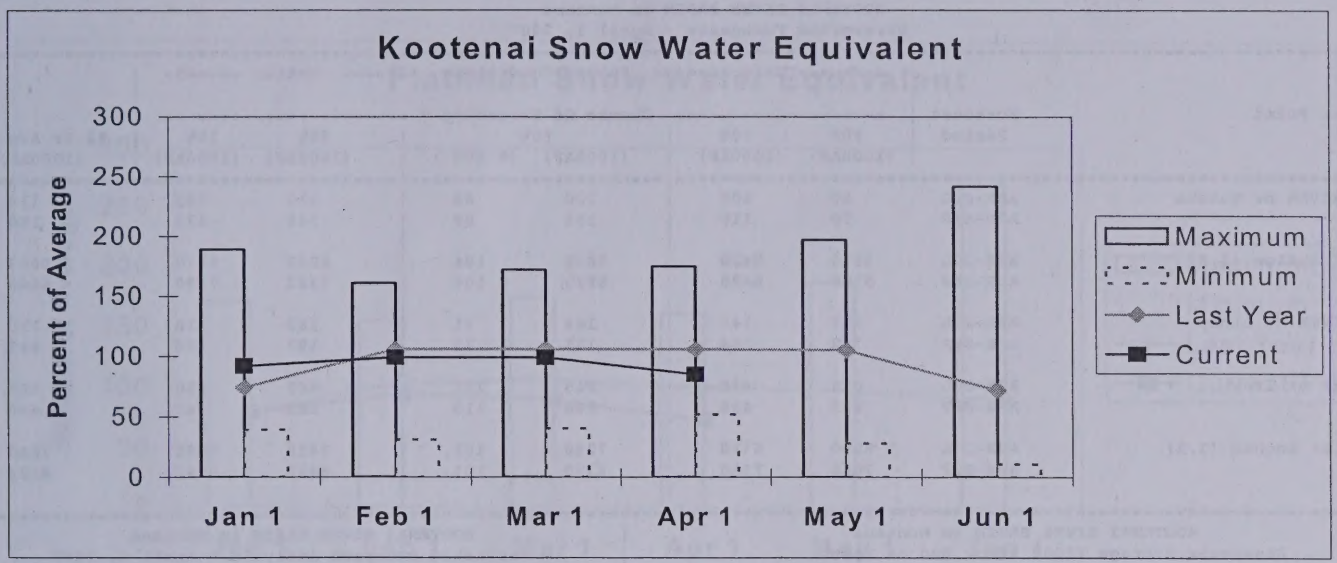
The Surface Water Supply Index (SWSI) is an indicator of surface water supply conditions for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This Year SWSI	Last Year SWSI	Basin
-1.2	+1.2	Tobacco River
+0.6	0.0	Kootenai Ft. Steele to Libby Dam
+2.4	+2.7	Kootenai River below Libby Dam
-2.0	+1.1	Fisher River
+1.2	+0.9	Yaak River
+0.5	+0.6	North Fork Flathead River
-1.3	0.0	Middle FORK Flathead River
+2.4	+3.3	South Fork Flathead River
+1.3	+1.2	Flathead River at Columbia Falls
-2.0	+1.5	Stillwater/Whitefish Rivers
-1.6	+0.6	Swan River
+0.2	+0.4	Flathead River at Polson
-1.9	+1.4	Mission Valley
-3.0	0.0	Little Bitterroot River
-1.2	0.0	Clark Fork River above Milltown
-2.1	-1.9	Blackfoot River
-2.1	+1.8	Bitterroot River
-1.8	+0.3	Clark Fork River below Bitterroot River
-0.5	+0.4	Clark Fork River below Flathead River
-2.2	-1.4	Beaverhead River
-4.0	+0.9	Ruby River
-1.7	+0.5	Big Hole River
-1.9	+0.8	Boulder River (Jefferson)
-1.6	+1.4	Jefferson River
-2.2	+0.7	Madison River
-3.2	+1.8	Gallatin River
-2.1	+0.2	Missouri River above Canyon Ferry
-3.0	-0.3	Missouri River below Canyon Ferry
+0.2	+1.5	Smith River
-0.6	-1.5	Sun River
-1.4	-1.6	Teton River
-3.3	-2.9	Birch/Dupuyer Creeks
-3.1	-0.6	Upper Judith River
-1.6	-1.7	Marias River above Tiber
-2.4	-0.5	Marias River below Tiber
-2.4	+2.3	Musselshell River
-1.3	-1.2	Missouri River above Ft. Peck
-4.0	-3.4	Missouri River below Ft. Peck
-0.9	0.0	St. Mary River
-0.5	-1.6	Milk River
-1.7	-1.3	Dearborn River near Craig
-2.4	+1.2	Yellowstone River above Livingston
-3.2	+2.2	Shields River
-3.3	+0.6	Boulder River (Yellowstone)
-2.3	+0.9	Stillwater River
-3.4	-2.6	Rock/Red Lodge Creeks
-2.4	+0.2	Clarks Fork River
-2.5	+0.9	Yellowstone River above Bighorn River
-1.9	-0.3	Bighorn River below Bighorn Lake
-1.5	-0.1	Little Bighorn River
-2.2	+0.4	Yellowstone River below Bighorn River
+0.2	-1.3	Tongue River
-1.7	-0.5	Powder River

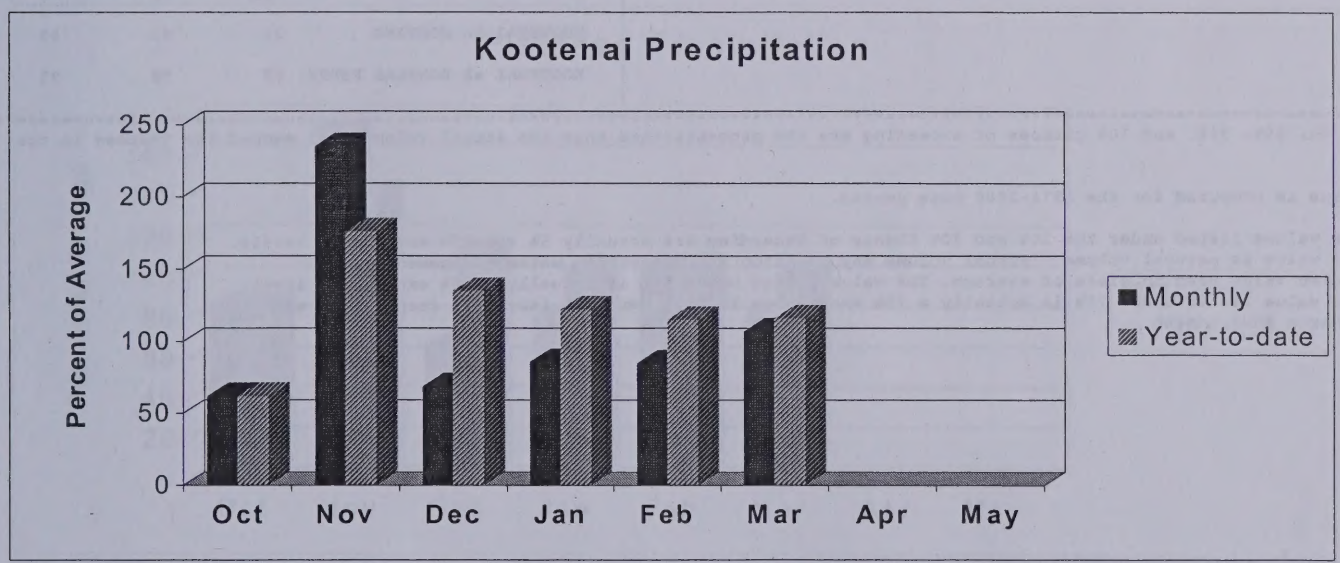
Kootenai River Basin in Montana

Snowpack conditions in the Kootenai River Basin were below average and decreased 14 percent from March 1. Snow water content was 85 percent of average and 80 percent of last year. Snowpack in the Kootenay in Canada were near average. Snow water content was 105 percent of average and 119 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 2001and 2005; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during March was 108 percent of average and 137 percent of last year. Valley precipitation during March was 89 percent of average and 124 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 116 percent of average and 110 percent of last year.



Lake Koocanusa storage was 185 percent of average and 92 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 87 to 95 percent.

Surface Water Supply Index (SWSI) was -1.2 in the Tobacco River; +0.6 in the Kootenai Ft. Steele to Libby Dam; +2.4 in the Kootenai River below Libby Dam; -2.0 in the Fisher River; and +1.2 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
TOBACCO RIVER nr Eureka	APR-JUL	90	107	120	88	133	155	136
	APR-SEP	99	119	133	89	148	172	150
LIBBY RES Inflow (1,2)	APR-JUL	4810	5420	5840	104	6260	6870	5640
	APR-SEP	5750	6420	6870	104	7320	7990	6640
FISHER RIVER nr Libby	APR-JUL	122	146	164	71	183	215	230
	APR-SEP	132	158	177	72	197	230	245
YAAK RIVER nr Troy	APR-JUL	415	470	515	111	560	630	465
	APR-SEP	435	495	540	110	585	660	490
KOOTENAI at Leonia (1,2)	APR-JUL	5980	6760	7240	103	7810	8590	7040
	APR-SEP	7060	7880	8350	103	8930	9740	8120

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE KOOCANUSA	5748.0	3218.0	3501.0	1743.7

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
KOOTENAY in CANADA	15	121	104
KOOTENAI MAINTSTEM	8	83	91
TOBACCO	3	75	79
FISHER	5	79	75
YAAK	8	82	88
KOOTENAI in MONTANA	23	81	85
KOOTENAI ab BONNERS FERRY	38	92	91

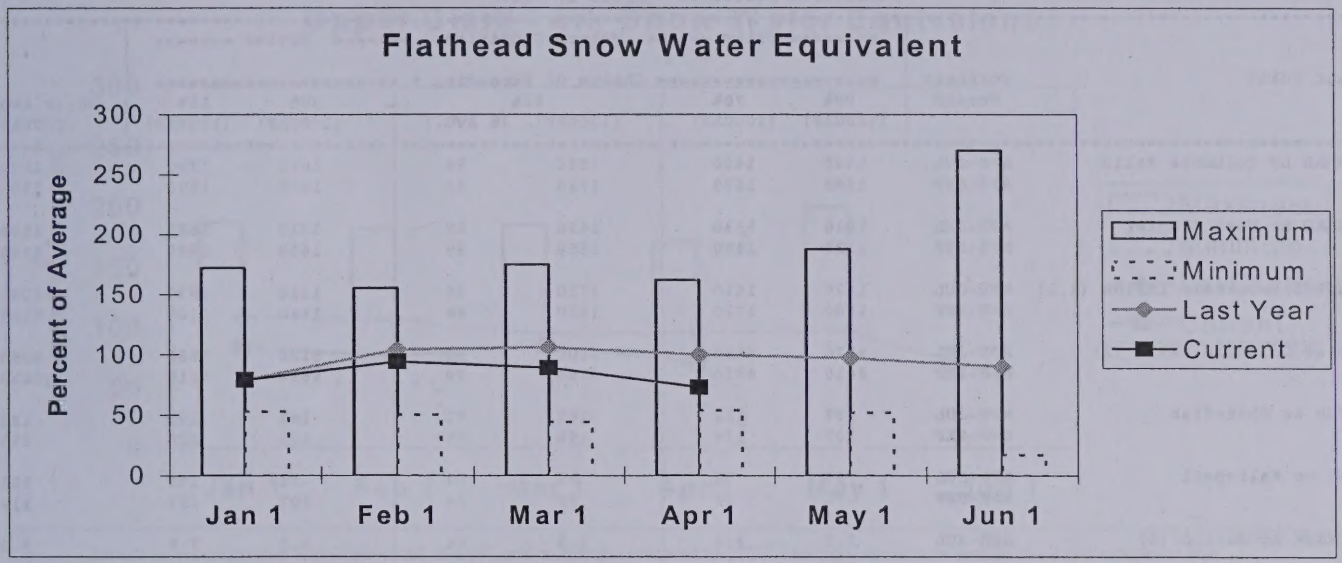
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

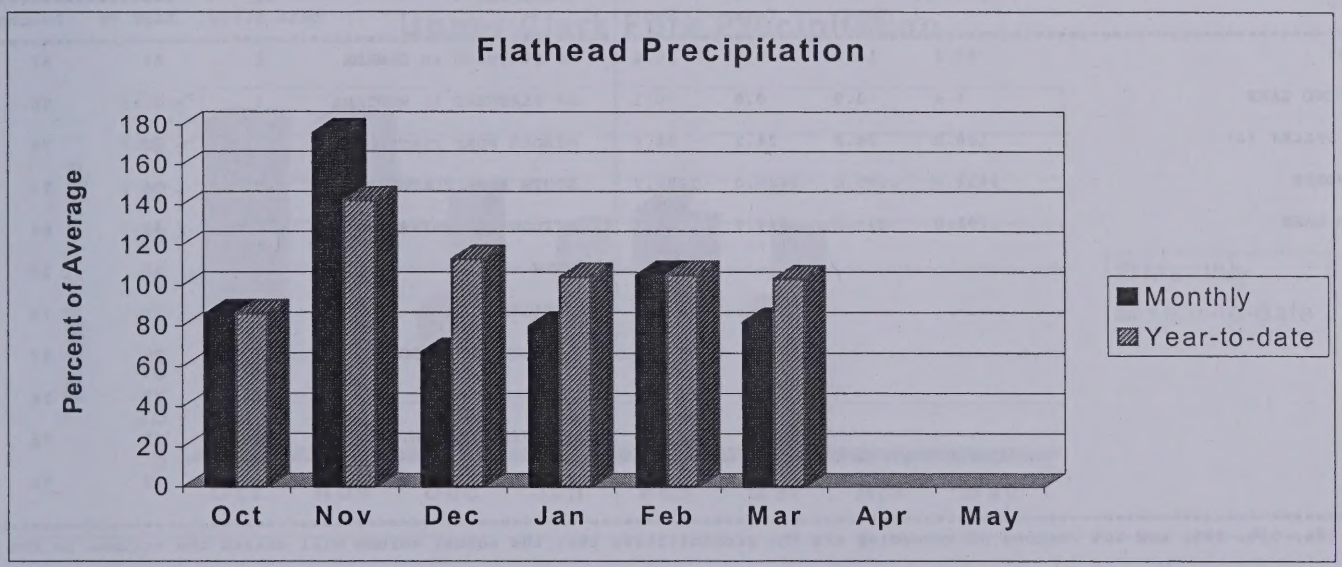
Flathead River Basin

Snowpack conditions in the Flathead River Basin were below average and decreased 16 percent from March 1. Snow water content was 73 percent of average and 73 percent of last year. Snowpack in the Flathead of Canada were below average and decreased 27 percent from March 1. Snow water content was 75 percent of average and 69 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1972 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during March was 83 percent of average and 115 percent of last year. Valley precipitation during March was 68 percent of average and 117 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 103 percent of average and 98 percent of last year.



Combined Camas reservoir storage was 72 percent of average and 212 percent of last year; Lower Jocko Lake was 0 percent of average and the same as last year; combined Mission Valley reservoir storage was 64 percent of average and 103 percent of last year; Hungry Horse storage was 153 percent of average and 107 percent of last year; and Flathead Lake storage was 122 percent of average and 135 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 76 to 83 percent.

Surface Water Supply Index (SWSI) was +0.5 in the North Fork Flathead River; -1.3 in the Middle Fork Flathead River; +2.4 in the South Fork Flathead River; +1.3 in the Flathead River at Columbia Falls; -2.0 in the Stillwater/Whitefish Rivers; -1.6 in the Swan River; +0.2 in the Flathead River at Polson; -1.9 in the Mission Valley; and -3.0 in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF FLATHEAD nr Columbia Falls	APR-JUL	1330	1450	1530	94	1610	1730	1620
	APR-SEP	1490	1620	1710	95	1800	1930	1800
MF FLATHEAD nr West Glacier	APR-JUL	1210	1330	1420	89	1510	1650	1590
	APR-SEP	1320	1450	1550	89	1650	1800	1740
HUNGRY HORSE Reservoir Inflow (1,2)	APR-JUL	1470	1610	1710	86	1810	1970	2000
	APR-SEP	1580	1720	1830	86	1940	2100	2120
FLATHEAD at Columbia Falls (2)	APR-JUL	4020	4480	4800	90	5120	5580	5350
	APR-SEP	4410	4910	5260	90	5610	6110	5820
STILLWATER nr Whitefish	APR-JUL	97	122	141	73	161	193	192
	APR-SEP	107	136	158	75	181	220	210
WHITEFISH nr Kalispell	APR-JUL	64	76	85	84	94	109	101
	APR-SEP	72	86	96	84	107	124	114
ASHLEY CREEK nr Marion (2)	APR-JUL	1.5	2.8	3.9	54	5.2	7.4	7.2
SWAN RIVER nr Bigfork	APR-JUL	400	445	480	85	515	565	565
	APR-SEP	460	515	550	85	590	645	645
Flathead Lake inflow (1,2)	APR-JUL	4460	5260	5630	91	6000	6800	6180
	APR-SEP	4840	5710	6110	91	6510	7380	6700

FLATHEAD RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CAMAS (4)	45.2	18.2	8.6	25.4
LOWER JOCKO LAKE	6.4	0.0	0.0	0.1
MISSION VALLEY (8)	100.0	24.9	24.2	38.8
HUNGRY HORSE	3451.0	2885.0	2688.0	1886.7
FLATHEAD LAKE	1791.0	897.8	664.7	738.5

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
NF FLATHEAD in CANADA	1	57	57
NF FLATHEAD in MONTANA	9	73	75
MIDDLE FORK FLATHEAD	7	80	79
SOUTH FORK FLATHEAD	9	74	73
STILLWATER-WHITEFISH	10	65	69
SWAN	8	76	76
MISSION VALLEY	4	77	79
LITTLE BITTERROOT-ASHLEY	6	50	45
JOCKO	5	77	76
FLATHEAD in MONTANA	42	72	72
FLATHEAD RIVER BASIN	43	72	72

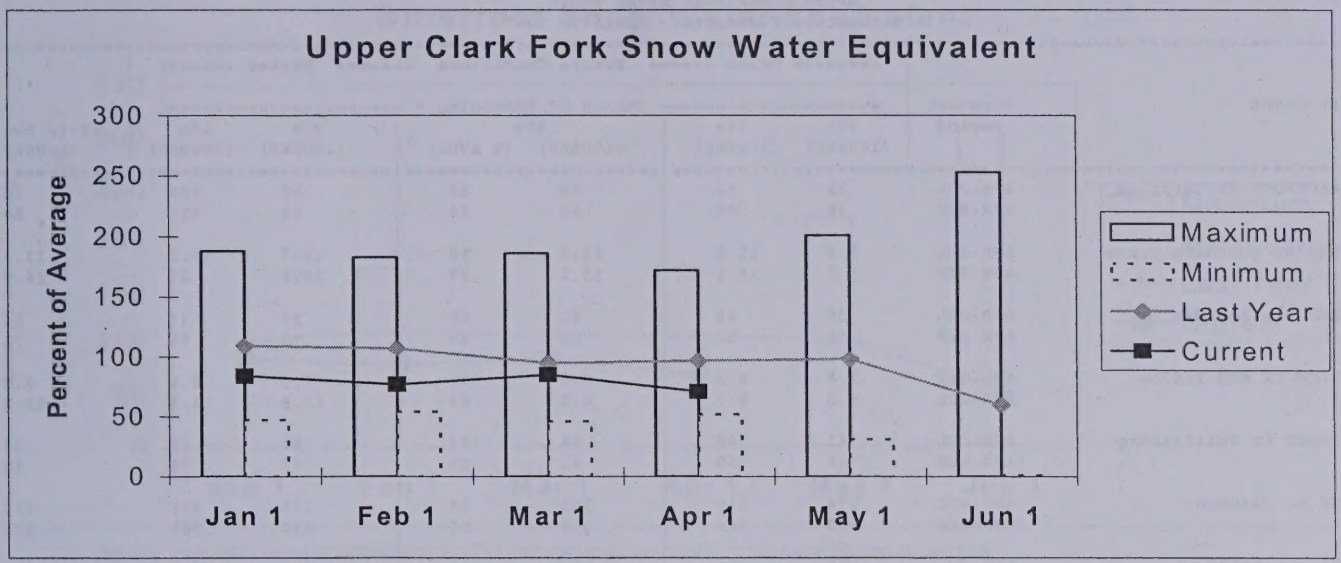
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

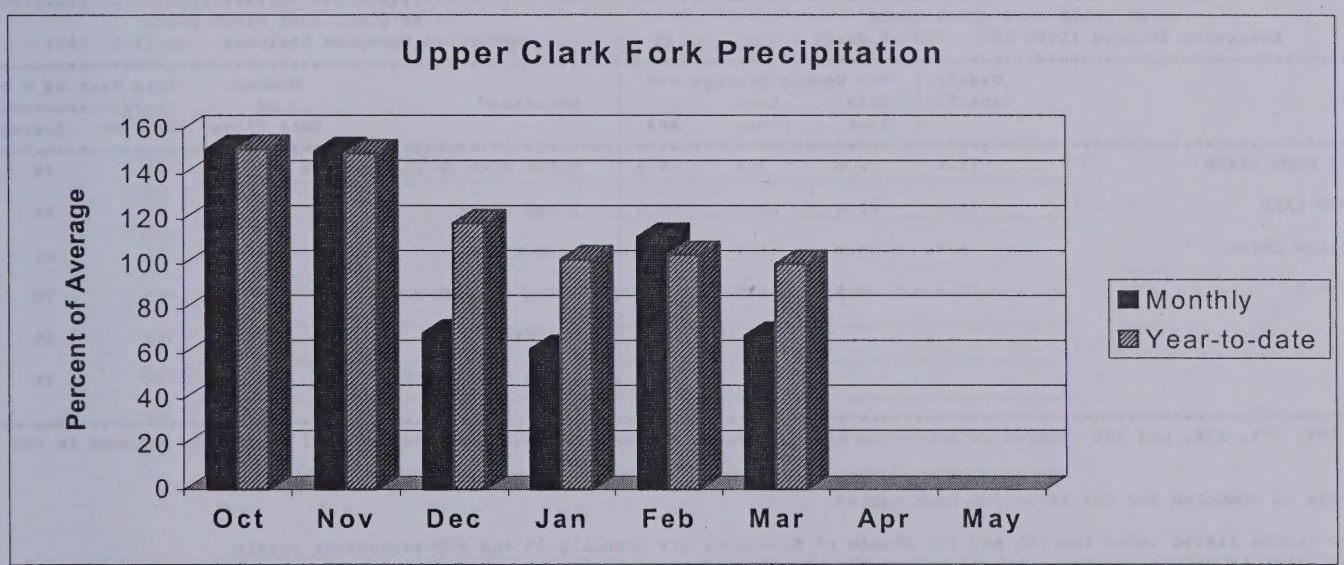
Upper Clark Fork River Basin

Snowpack conditions in the Upper Clark Fork River Basin were below average and decreased 14 percent from March 1. Snow water content was 71 percent of average, 75 percent of last year and tied for fourth lowest of record with 1977. The Blackfoot River Basin was second lowest of record behind 2005.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during March was 69 percent of average and 84 percent of last year. Valley precipitation during March was 58 percent of average and 87 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 100 percent of average and 102 percent of last year.



East Fork Rock Creek storage was 71 percent of average and 75 percent of last year; Georgetown Lake was 112 percent of average and 99 percent of last year; Lower Willow Creek was 137 percent of average and 106 percent of last year; and Nevada Creek storage was 130 percent of average and 111 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 71 to 83 percent.

Surface Water Supply Index (SWSI) was -1.2 in the Clark Fork River above Milltown; and -2.1 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LITTLE BLACKFOOT nr Garrison	APR-JUL	35	52	65	86	80	104	76
	APR-SEP	39	58	72	86	88	115	84
FLINT CREEK nr Southern Cross	APR-JUL	8.6	11.3	13.4	98	15.7	19.3	13.7
	APR-SEP	9.7	13.1	15.7	97	18.6	23	16.2
FLINT CREEK blw Boulder Ck	APR-JUL	30	41	49	88	58	72	56
	APR-SEP	41	53	63	89	73	90	71
LOWER WILLOW CK RES Inflow	APR-MAY	3.4	4.8	5.8	71	7.0	8.8	8.2
	APR-JUL	4.5	6.7	8.5	68	10.5	13.8	12.5
MF ROCK CREEK nr Philipsburg	APR-JUL	41	48	54	84	60	69	64
	APR-SEP	46	55	61	85	67	78	72
ROCK CREEK nr Clinton	APR-JUL	174	210	240	89	270	315	270
	APR-SEP	200	245	275	90	310	360	305
CLARK FORK abv Milltown	APR-JUL	325	435	520	86	615	765	605
	APR-SEP	390	510	605	86	705	870	705
NEVADA CREEK nr Helmville	APR-MAY	3.4	5.1	6.5	63	8.0	10.6	10.3
	APR-JUL	5.6	8.6	11.0	64	13.7	18.3	17.3
BLACKFOOT RIVER nr Bonner	APR-JUL	520	600	660	82	725	820	805
	APR-SEP	580	670	735	83	800	905	890
CLARK FORK abv Missoula	APR-JUL	860	1050	1180	84	1310	1500	1410
	APR-SEP	985	1200	1340	84	1480	1690	1600

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
EAST FORK ROCK CREEK	15.6	7.0	9.3	9.9
GEORGETOWN LAKE	31.0	29.4	29.8	26.2
LOWER WILLOW CREEK	4.9	3.7	3.5	2.7
NEVADA CREEK	12.6	9.9	8.9	7.6

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
CLARK FORK ab FLINT CREEK	16	81	79
FLINT CREEK	7	91	84
ROCK CREEK	6	81	82
CLARK FORK ab BLACKFOOT	25	80	78
BLACKFOOT	15	65	55
UPPER CLARK FORK BASIN	38	75	71

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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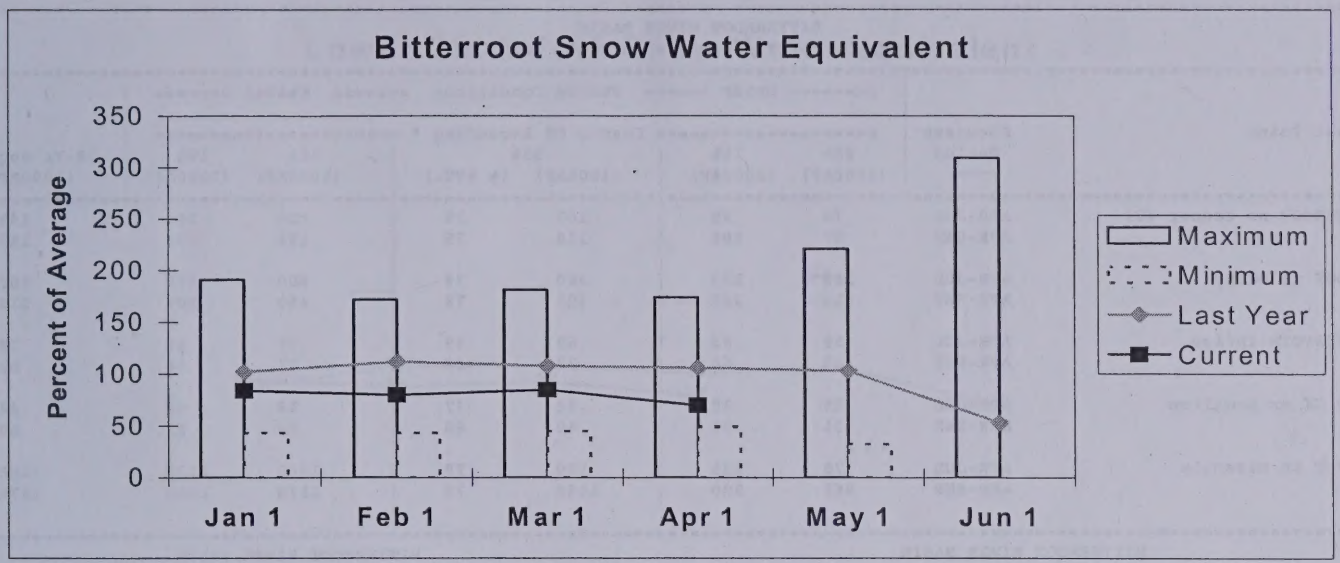
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

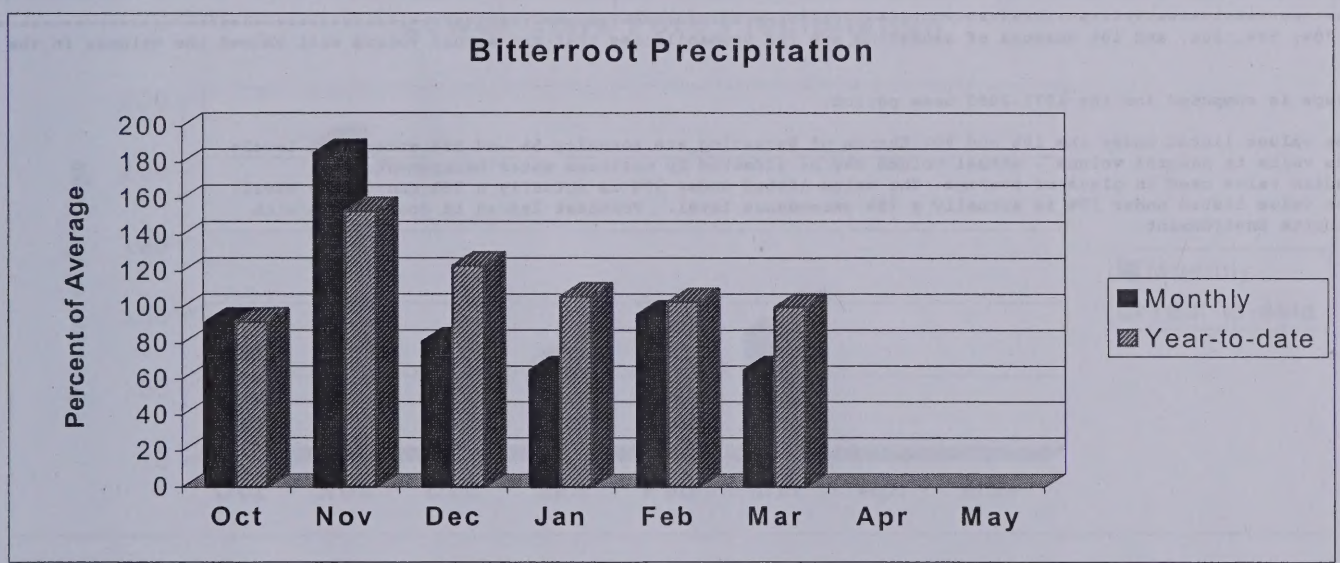
Bitterroot River Basin

Snowpack conditions in the Bitterroot River Basin were below average and decreased 15 percent from March 1. Snow water content was 70 percent of average, 67 percent of last year and tied for sixth lowest of record with 1993.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977 and 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and minimum swe was in 1987,1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during March was 64 percent of average and 78 percent of last year. Valley precipitation during March was 71 percent of average and 78 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 100 percent of average and 92 percent of last year.



Painted Rocks Lake storage was 178 percent of average and 199 percent of last year and Como storage was 179 percent of average and 212 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 73 to 80 percent.

Surface Water Supply Index (SWSI) was -2.1 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
WF BITTERROOT nr Conner (2)	APR-JUL	78	95	107	75	120	140	143
	APR-SEP	87	105	118	75	132	154	157
BITTERROOT nr Darby	APR-JUL	265	320	360	78	400	470	460
	APR-SEP	310	365	400	78	440	500	515
COMO RESERVOIR Inflow	APR-JUL	59	65	69	89	73	80	78
	APR-SEP	61	68	72	88	77	84	82
SKALKAHO CK nr Hamilton	APR-JUL	25	30	34	77	38	44	44
	APR-SEP	31	36	40	80	44	51	50
BITTERROOT at Missoula	APR-JUL	775	895	980	78	1060	1190	1250
	APR-SEP	860	990	1080	79	1170	1300	1370

BITTERROOT RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
PAINTED ROCKS LAKE	31.7	17.1	8.6	9.6
COMO	34.9	26.7	12.6	14.9

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WEST FORK BITTERROOT	3	64	66
EAST SIDE BITTERROOT	6	70	73
WEST SIDE BITTERROOT	4	66	72
BITTERROOT RIVER BASIN	12	67	70

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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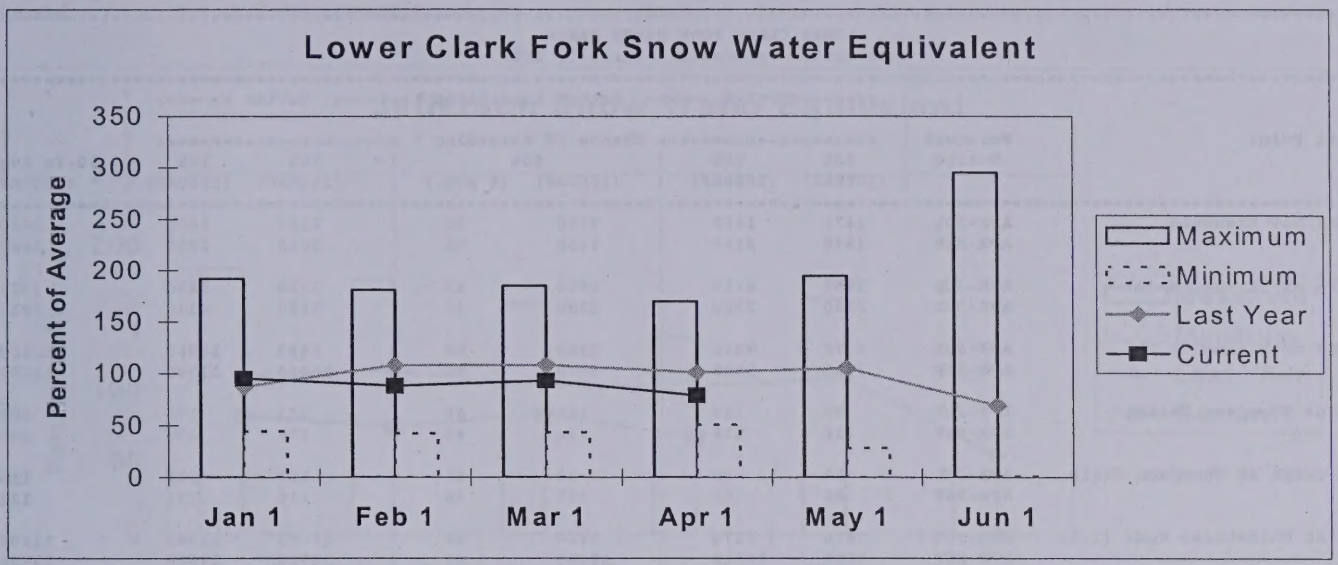
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

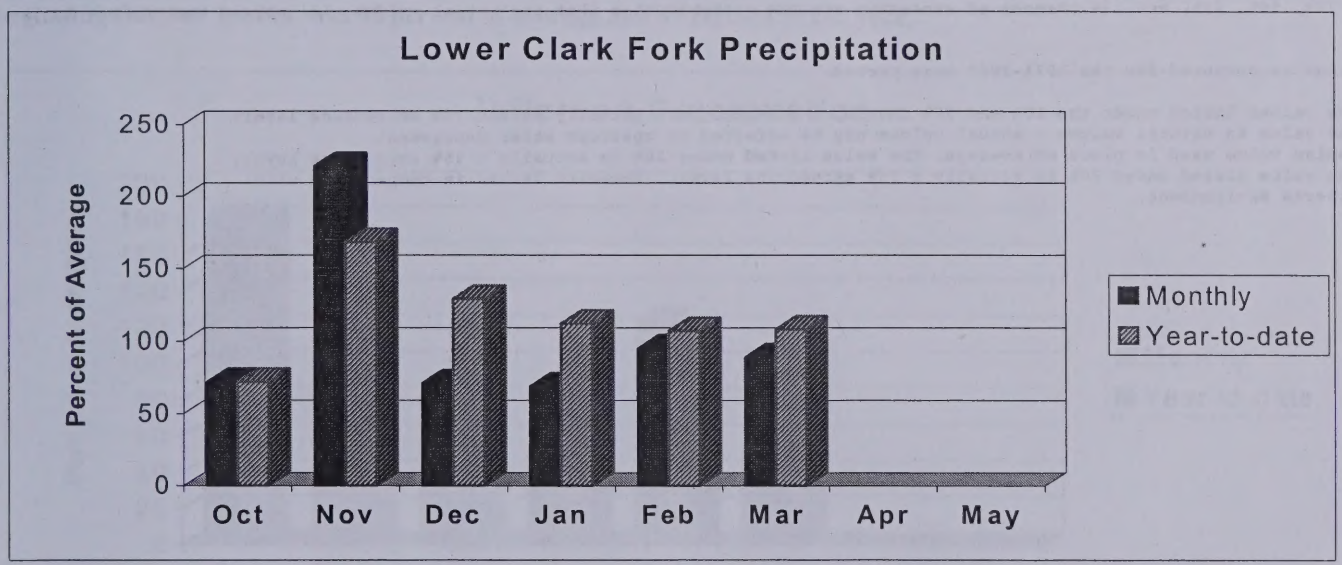
Lower Clark Fork River Basin

Snowpack conditions in the Lower Clark Fork River Basin were below average and decreased 14 percent from March 1. Snow water content was 79 percent of average and 78 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during March was 90 percent of average and 118 percent of last year. Valley precipitation during March was 79 percent of average and 99 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 108 percent of average and 102 percent of last year.



Noxon Rapids storage was 118 percent of average and 104 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 74 to 82 percent.

Surface Water Supply Index (SWSI) was -1.8 in the Clark Fork River below Bitterroot River and -0.5 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
CLARK FORK blw Missoula	APR-JUL	1670	1960	2160	81	2360	2650	2660
	APR-SEP	1870	2190	2410	81	2630	2950	2960
CLARK FORK at St. Regis (1)	APR-JUL	1950	2610	2910	83	3210	3870	3520
	APR-SEP	2180	2920	3250	83	3580	4320	3910
CLARK FORK nr Plains (1,2)	APR-JUL	6770	8190	8840	88	9490	10900	10100
	APR-SEP	7430	9000	9710	88	10400	12000	11100
THOMPSON nr Thompson Falls	APR-JUL	99	120	136	66	153	179	205
	APR-SEP	116	139	156	68	174	200	230
PROSPECT CREEK at Thompson Falls	APR-JUL	78	89	98	85	107	121	116
	APR-SEP	86	98	107	86	116	131	124
CLARK FK at Whitehorse Rpds (1,2)	APR-JUL	7510	9170	9920	88	10700	12300	11300
	APR-SEP	8250	10100	10900	87	11700	13600	12500

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
NOXON RAPIDS	335.0	322.0	308.9	272.9

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
LOWER CLARK FORK BASIN	14	78	79

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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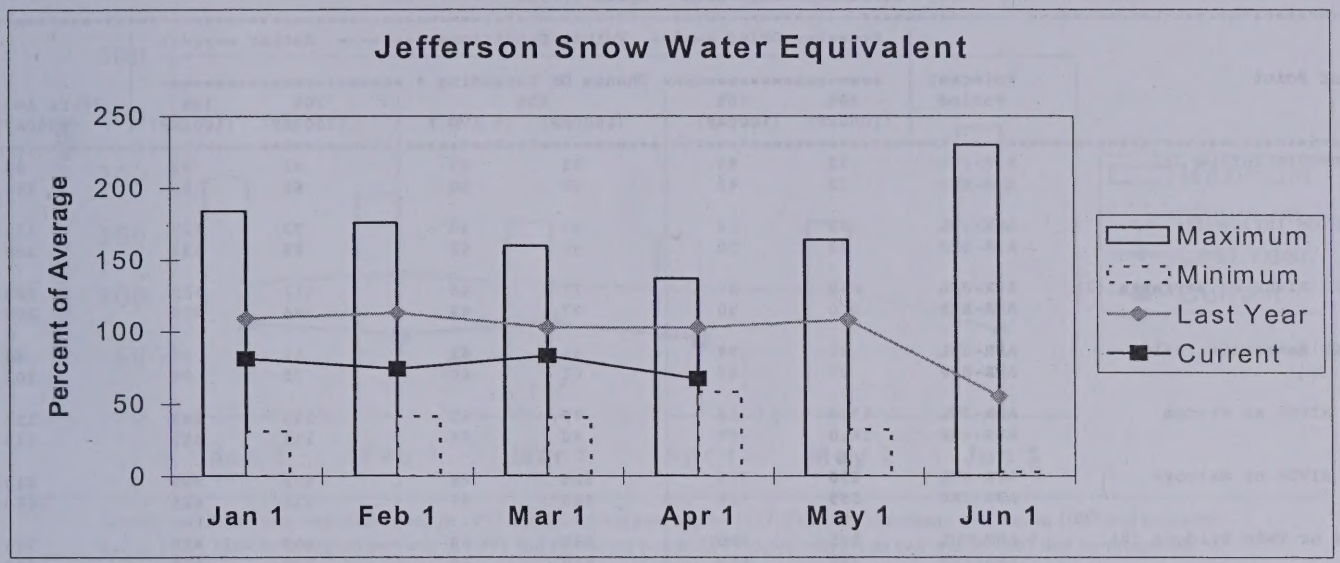
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

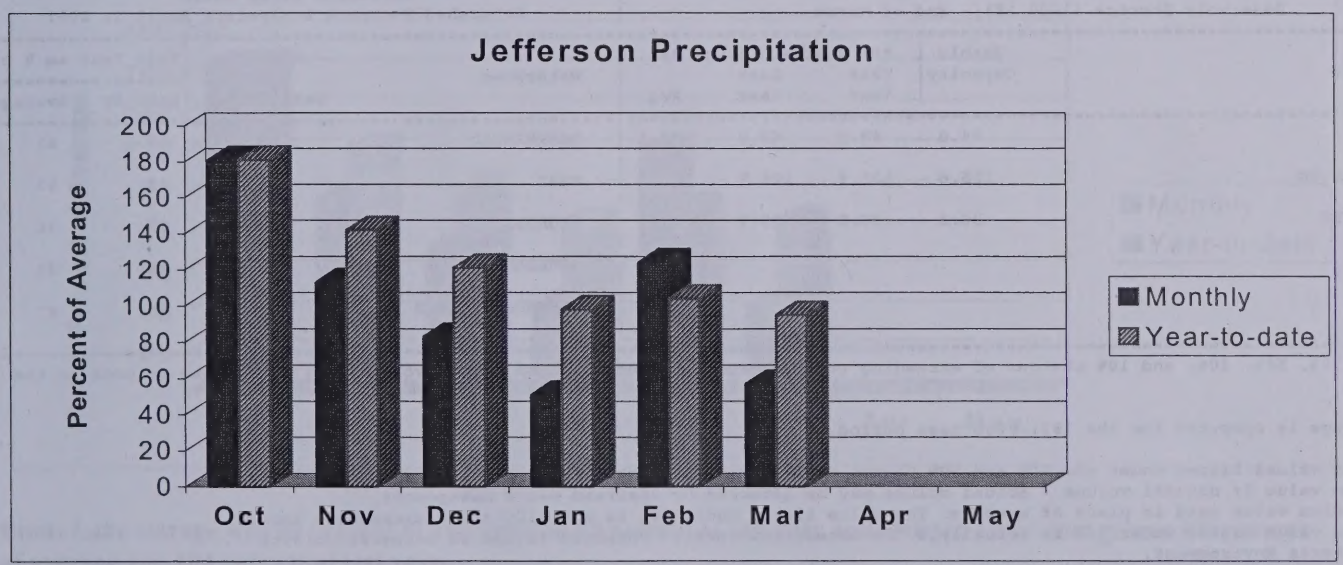
Jefferson River Basin

Snowpack conditions in the Jefferson River Basin were well below average and decreased 16 percent from March 1. Snow water content was 67 percent of average, 65 percent of last year and fourth lowest of record. The Beaverhead was second lowest of record, Ruby was tied at second lowest of record with 1977, and the Big Hole was fifth lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during March was 56 percent of average and 59 percent of last year. Valley precipitation during March was 82 percent of average and 108 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 95 percent of average and 87 percent of last year.



Lima storage was 126 percent of average and 118 percent of last year; Clark Canyon storage was 83 percent of average and 1118 percent of last year; and Ruby River storage was 97 percent of average and 102 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 42 to 59 percent.

Surface Water Supply Index (SWSI) was -2.2 in the Beaverhead River; -4.0 in the Ruby River; -1.7 in the Big Hole River; -1.9 in the Boulder River; and -1.6 in the Jefferson River near Three Forks.

JEFFERSON RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LIMA RESERVOIR Inflow (2)	APR-JUL	33	43	51	53	61	80	96
	APR-SEP	32	43	52	50	63	83	104
CLARK CANYON Inflow (2)	APR-JUL	23	38	52	40	72	117	131
	APR-SEP	33	50	66	42	88	133	156
BEAVERHEAD RIVER at Barretts (2)	APR-JUL	0.0	37	77	46	117	175	168
	APR-SEP	0.0	50	97	49	144	210	200
RUBY RIVER Reservoir Inflow	APR-JUL	21	39	51	61	63	82	84
	APR-SEP	27	47	61	60	75	95	101
BIG HOLE RIVER at Wisdom	APR-JUL	13.0	53	79	65	105	145	121
	APR-SEP	16.0	57	86	66	114	157	130
BIG HOLE RIVER nr Melrose	APR-JUL	230	335	405	66	475	580	610
	APR-SEP	255	365	440	67	515	625	660
JEFFERSON nr Twin Bridges (2)	APR-JUL	249	420	535	68	650	820	785
	APR-SEP	307	490	610	69	730	915	880
BOULDER RIVER nr Boulder	APR-JUL	30	44	55	71	68	89	78
	APR-SEP	31	48	60	71	74	98	85
WILLOW CREEK Reservoir Inflow	APR-JUL	0.7	7.5	12.1	68	17.1	23	17.9
	APR-SEP	0.5	8.4	13.8	69	18.8	27	20
JEFFERSON RIVER nr Three Forks (2)	APR-JUL	177	335	445	57	555	715	780
	APR-SEP	200	370	485	56	600	770	860

JEFFERSON RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LIMA	84.0	49.4	42.0	39.1
CLARK CANYON	255.6	125.8	106.1	152.0
RUBY RIVER	38.8	30.5	29.9	31.5

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
BEAVERHEAD	18	63	65
RUBY	11	68	67
BIGHOLE	21	67	70
BOULDER	9	64	64
JEFFERSON RIVER BASIN	49	65	67

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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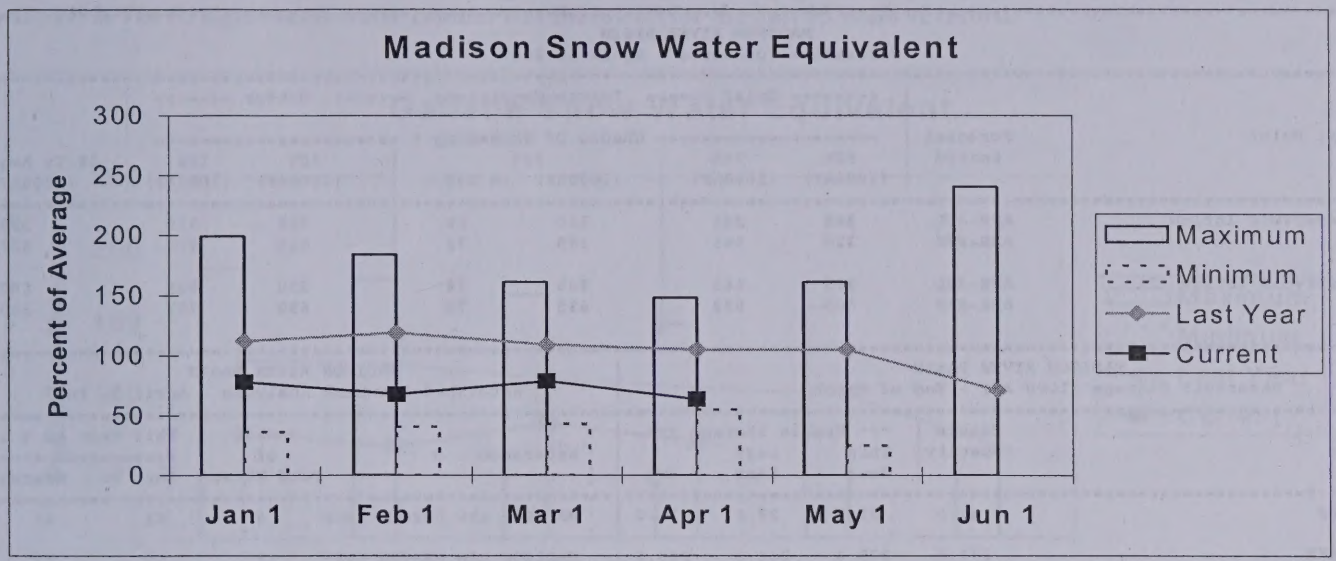
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

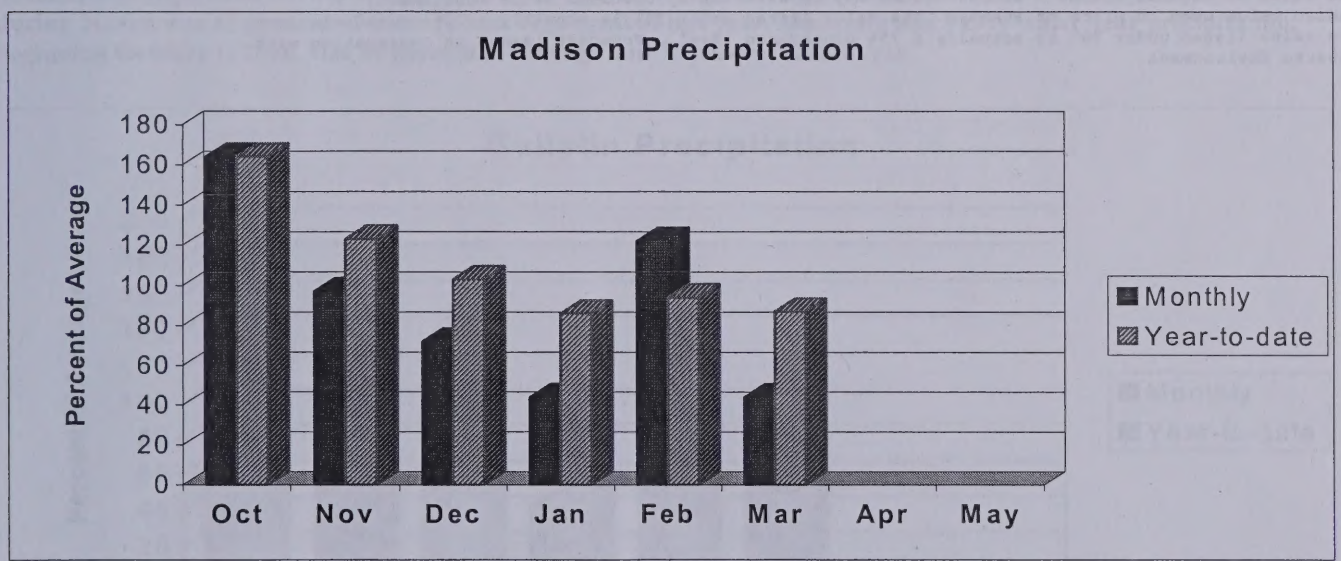
Madison River Basin

Snowpack conditions in the Madison River Basin were well below average and decreased 15 percent from March 1. Snow water content was 64 percent of average, 61 percent of last year and is tied for third lowest of record with 1963.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during March was 44 percent of average and 47 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 87 percent of average and 75 percent of last year.



Ennis Lake storage was 90 percent of average and 95 percent of last year and Hebgen Lake storage was 106 percent of average and 104 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 71 to 77 percent.

Surface Water Supply Index (SWSI) was -2.2 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
HEBGEN Reservoir Inflow	APR-JUL	245	285	310	80	335	375	390
	APR-SEP	320	365	395	79	425	470	500
ENNIS Reservoir Inflow (2)	APR-JUL	395	460	505	74	550	615	680
	APR-SEP	505	580	635	75	690	765	850

MADISON RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ENNIS LAKE	41.0	28.2	29.6	31.2
HEBGEN LAKE	377.5	275.4	264.2	259.6

MADISON RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
MADISON abv HEBGEN LAKE	6	62	65
MADISON blw HEBGEN LAKE	12	60	62
MADISON RIVER BASIN	18	61	64

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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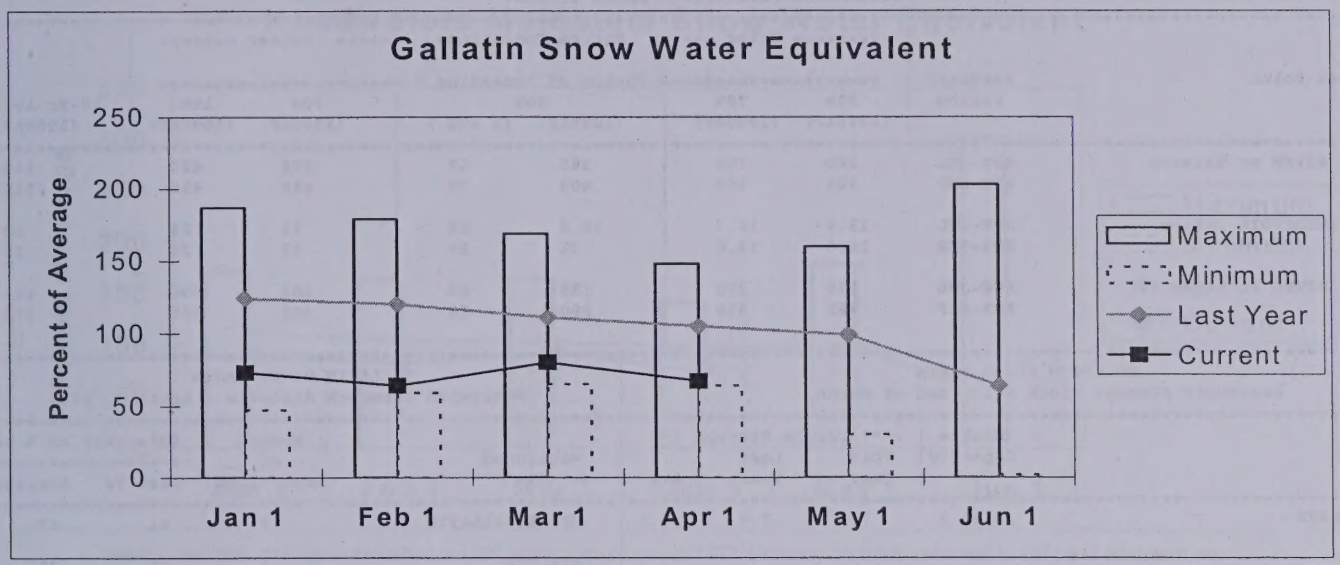
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

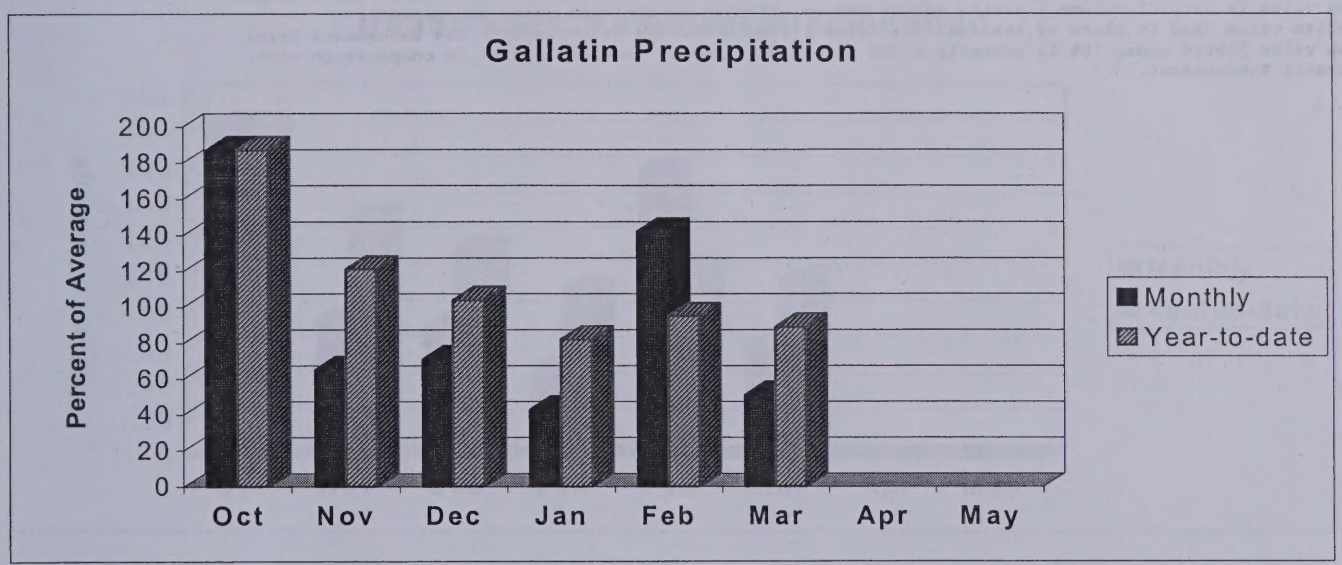
Gallatin River Basin

Snowpack conditions in the Gallatin River Basin were well below average and decreased 13 percent from March 1. Snow water content was 67 percent of average, 64 percent of last year and second lowest of record. The west Gallatin snow water content was third lowest of record and Hyalite snow water content was fourth lowest of record and tied with 1992. The Bridgers snow water content was the lowest for the past 15 years of record.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977 and 2005; April maximum swe was in 1997 and minimum was in 2001; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during March was 52 percent of average and 60 percent of last year. Valley precipitation during March was 37 percent of average and 44 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 89 percent of average and 78 percent of last year.



Middle Creek storage was 153 percent of average and 97 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 67 to 77 percent.

Surface Water Supply Index (SWSI) was -3.2 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GALLATIN RIVER nr Gateway	APR-JUL	260	305	340	77	375	420	440
	APR-SEP	305	360	400	78	440	495	515
HYALITE RESERVOIR Inflow	APR-JUL	13.9	16.7	18.6	85	21	23	22
	APR-SEP	16.0	19.0	21	84	23	26	25
GALLATIN RIVER at Logan (2)	APR-JUL	170	270	335	68	400	500	495
	APR-SEP	205	315	390	68	465	575	570

GALLATIN RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MIDDLE CREEK	10.2	7.2	7.4	4.7

GALLATIN RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER GALLATIN	7	61	67
HYALITE	4	79	75
BRIDGER	2	50	52
GALLATIN RIVER BASIN	13	64	67

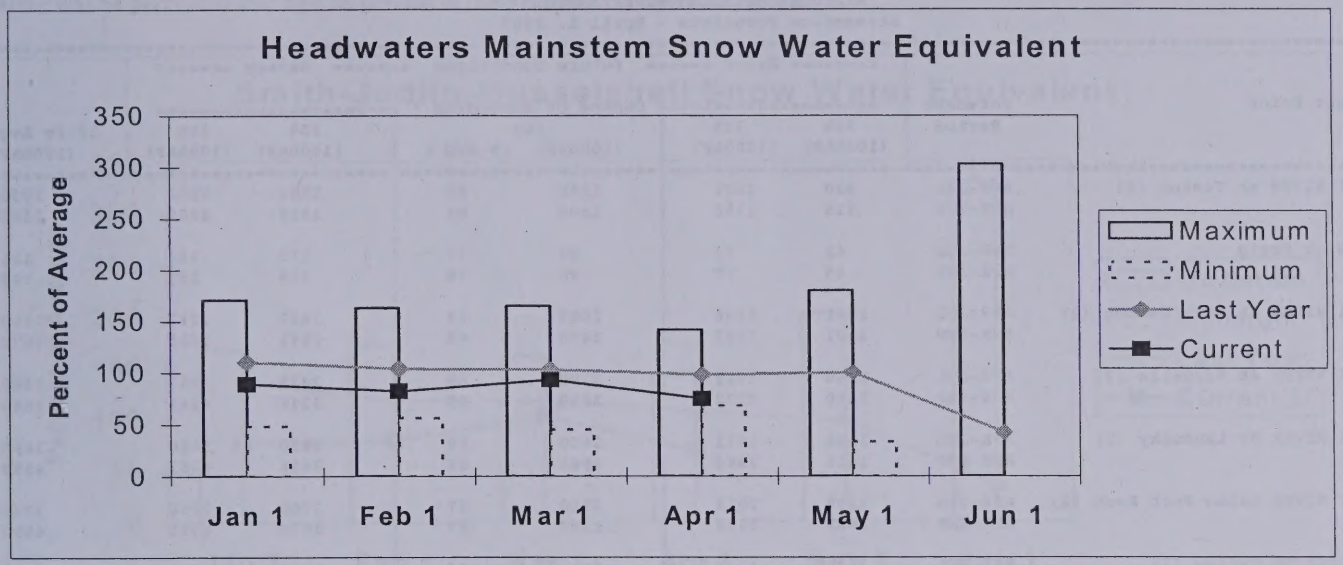
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

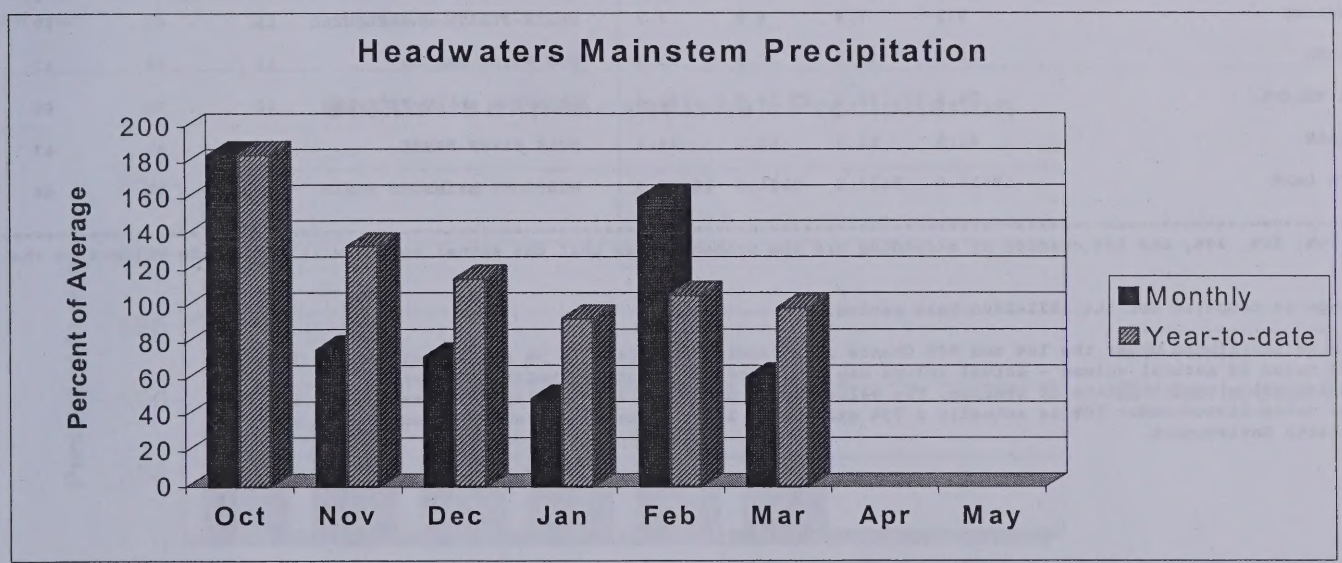
Missouri Mainstem River Basin

Snowpack conditions in the Headwaters Missouri Mainstem River Basin were below average and decreased 18 percent from March 1. Snow water content was 75 percent of average, 77 percent of last year and tied for sixth lowest of record with 2001.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961,1966, and 2005; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during March was 56 percent of average and 71 percent of last year. Valley precipitation during March was 67 percent of average and 49 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 99 percent of average and 91 percent of last year.



Canyon Ferry Lake storage was 107 percent of average and 125 percent of last year; Helena Valley storage was 200 percent of average and 89 percent of last year; Lake Helena storage was 84 percent of average and 101 percent of last year; Hauser & Helena storage was 118 percent of average and 100 percent of last year; Holter Lake storage was 109 percent of average and 100 percent of last year; and Fort Peck Lake storage was 58 percent of average and 93 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 55 to 68 percent.

Surface Water Supply Index (SWSI) was -2.1 in the Missouri River above Canyon Ferry; -3.0 in the Missouri River below Canyon Ferry; -1.3 in the Missouri River above Fort Peck; and -4.0 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
MISSOURI RIVER at Toston (2)	APR-JUL	620	1020	1290	63	1560	1960	2050
	APR-SEP	715	1180	1500	63	1820	2280	2390
DEARBORN nr Craig	APR-JUL	42	73	93	77	113	143	121
	APR-SEP	45	78	98	78	119	151	125
MISSOURI RIVER at Fort Benton (2)	APR-JUL	1081	1664	2060	69	2457	3037	2990
	APR-SEP	1301	1997	2470	69	2941	3641	3570
MISSOURI RIVER at Virgelle (2)	APR-JUL	1250	1923	2380	69	2835	3510	3450
	APR-SEP	1480	2272	2810	69	3346	4141	4060
MISSOURI RIVER nr Landusky (2)	APR-JUL	1192	1911	2400	65	2890	3610	3690
	APR-SEP	1415	2264	2840	65	3416	4261	4350
MISSOURI RIVER below Fort Peck (2)	APR-JUL	1285	2014	2510	67	3006	3736	3740
	APR-SEP	1482	2326	2900	67	3476	4321	4330
LAKE SAKAKAWEA Inflow (2)	APR-JUL	3700	5360	6430	66	7600	9250	9740
	APR-SEP	4260	6160	7450	67	8740	10640	11200

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CANYON FERRY LAKE	2043.0	1572.0	1262.0	1467.8
HELENA VALLEY	9.2	7.8	8.8	3.9
LAKE HELENA	12.7	11.0	10.9	13.1
HAUSER & HELENA	74.6	74.1	74.0	62.8
HOLTER LAKE	81.9	81.0	81.1	74.1
FORT PECK LAKE	18910.0	8627.0	9231.0	14966.0

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
HEADWATERS MAINSTEM	9	77	75
SMITH-JUDITH-MUSSELSHELL	18	64	69
SUN-TETON-MARIAS	14	76	67
MAINSTEM ab FT PECK RES	40	70	69
MILK RIVER BASIN	3	45	47
MISSOURI MAINSTEM BASIN	42	70	68

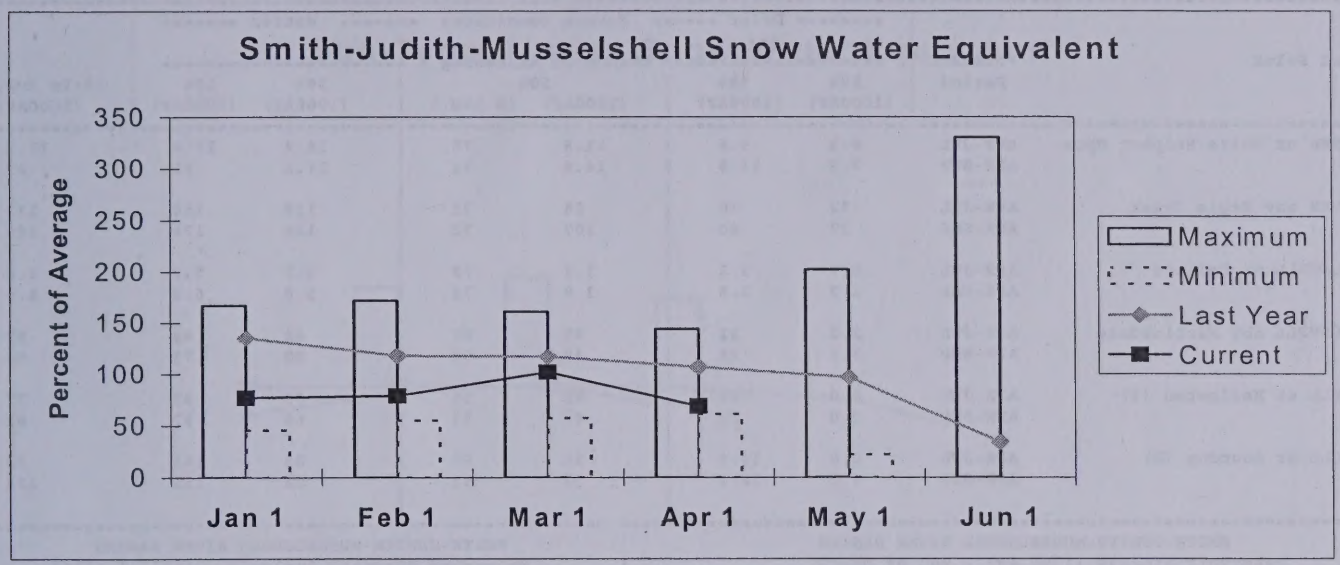
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

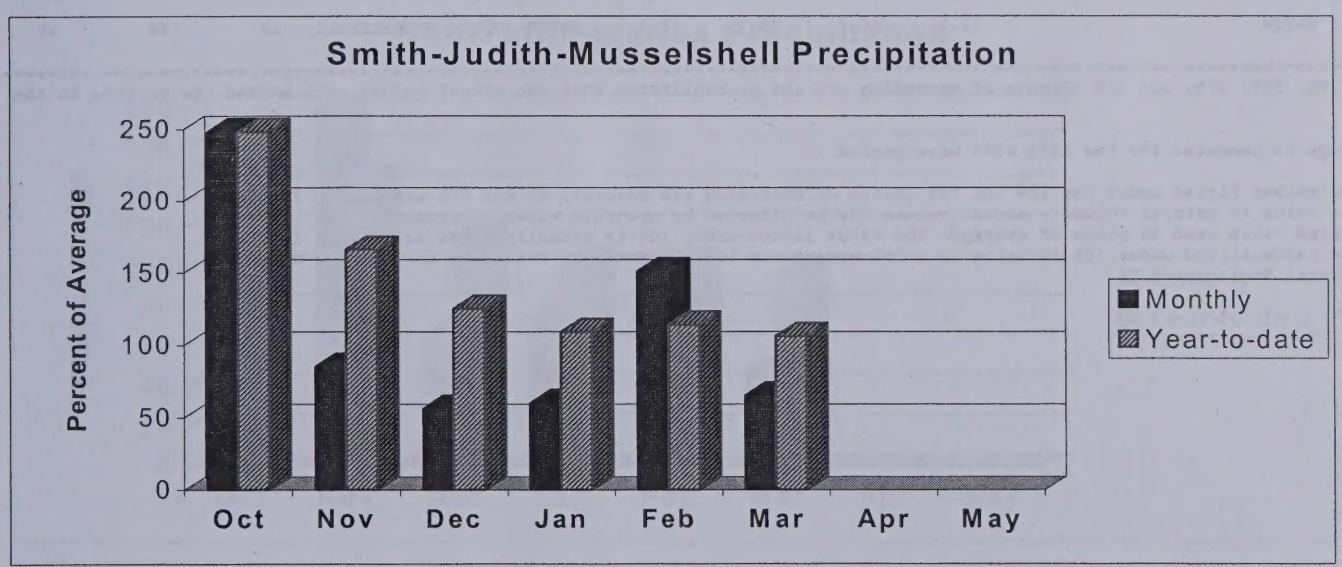
Smith-Judith-Musselshell River Basins

Snowpack conditions in the Smith-Judith-Musselshell River Basins were below average and decreased 33 percent from March 1. Snow water content was 69 percent of average, 64 percent of last year and tied for third lowest of record with 2001. Snow water content in the Smith River Basin was 75 percent of average, 71 percent of last year and fourth lowest of record; the Judith River Basin was 75 percent of average, 68 percent of last year and tied for fifth lowest of record with 1966; and the Musselshell Basin River was 54 percent of average, 58 percent of last year and the lowest of record.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987 and 2005; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during March in the Smith-Belts was 50 percent of average and 70 percent of last year; in the Judith was 80 percent of average and 83 percent of last year; and in the Musselshell was 85 percent of average and 70 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 106 percent of average and 94 percent of last year.



Smith River storage was 96 percent of average and 122 percent of last year; Ackley storage was 78 percent of average and 100 percent of last year; Bair storage was 69 percent of average and 100 percent of last year; Martinsdale storage was 32 percent of average and 39 percent of last year; and Deadman's Basin was 82 percent of average and 114 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 40 to 64 percent.

Surface Water Supply Index (SWSI) was +0.2 in the Smith River, -3.1 in the Upper Judith River, and -2.4 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
SHEEP CREEK nr White Sulphur Spgs.	APR-JUL	6.2	9.6	11.9	70	14.2	17.4	17.1
	APR-SEP	7.8	11.8	14.4	72	17.2	21	20
SMITH RIVER abv Eagle Creek	APR-JUL	32	70	94	71	118	156	133
	APR-SEP	37	80	107	72	134	176	149
NF MUSSELSHELL nr Delpine	APR-JUL	0.9	2.3	3.3	72	4.3	5.7	4.6
	APR-SEP	1.2	2.8	3.9	72	5.0	6.6	5.4
SF MUSSELSHELL abv Martinsdale	APR-JUL	2.2	22	35	67	48	68	52
	APR-SEP	3.1	24	38	68	52	73	56
MUSSELSHELL at Harlowton (2)	APR-JUL	0.0	22	42	55	63	93	77
	APR-SEP	0.0	22	43	53	65	97	81
MUSSELSHELL nr Roundup (2)	APR-JUL	0.0	10.9	50	51	88	145	99
	APR-SEP	0.0	12.0	52	51	92	151	102

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
SMITH RIVER	10.6	7.1	5.8	7.4
ACKLEY LAKE	7.0	2.5	2.5	3.2
BAIR	7.0	3.1	3.1	4.5
MARTINSDALE	23.1	3.5	9.0	10.9
DEADMAN'S BASIN	72.2	44.2	38.7	54.2

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	This Year as % of Average
SMITH	9	71	75
HIGHWOOD	0	43	0
JUDITH	8	68	75
MUSSELSHELL	8	58	54
SMITH-JUDITH-MUSSELSHELL	18	64	69

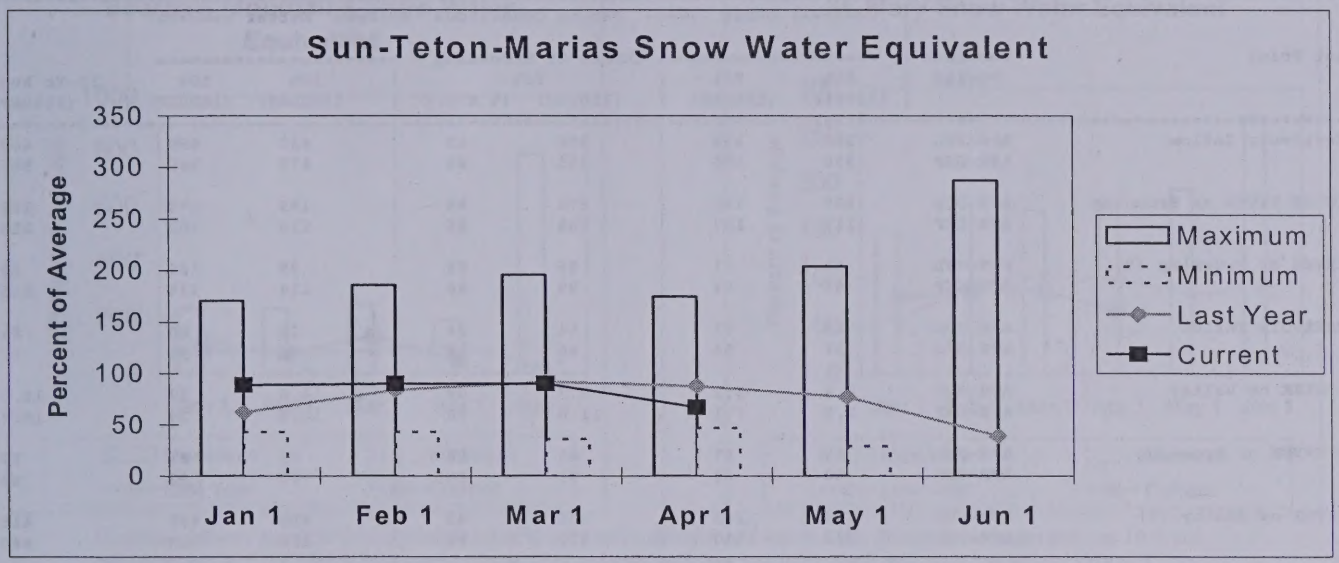
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

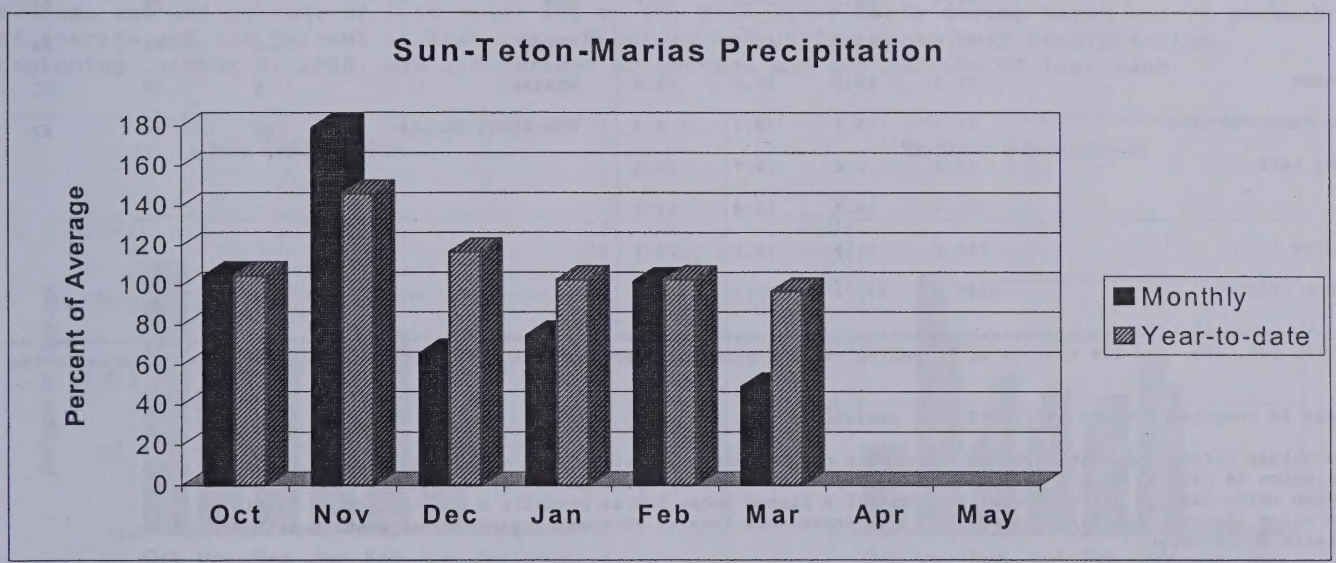
Sun-Teton-Marias River Basins

Snowpack conditions in the Sun-Teton-Marias River Basins were well below average and decreased 23 percent from March 1. Snow water content was 67 percent of average and 75 percent of last year. Snow water content in the Sun River Basin was 58 percent of average, 70 percent of last year and fifth lowest of record; the Teton River Basin was 68 percent of average, 83 percent of last year and sixth lowest of record; and the Marias River Basin was 71 percent of average, 80 percent of last year and fourth lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during March in the Sun was 46 percent of average and 50 percent of last year; in the Teton was 52 percent of average and 64 percent of last year; and in the Marias was 49 percent of average and 50 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 97 percent of average and 100 percent of last year.



Gibson storage was 112 percent of average and 372 percent of last year; Pishkun storage was 78 percent of average and 83 percent of last year; Willow Creek storage was 122 percent of average and 107 percent of last year; Lower Two Medicine Lake storage was 35 percent of average and 33 percent of last year; Four Horns Lake storage was 0 percent of average; Swift storage was 108 percent of average and 112 percent of last year; Lake Frances storage was 46 percent of average and 91 percent of last year; and Lake Elwell (Tiber) storage was 100 percent of average and 91 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 65 to 82 percent.

Surface Water Supply Index (SWSI) was -0.6 in the Sun River; -1.4 in the Teton River; -3.3 in the Birch/Dupuyer Creeks; -1.6 in the Marias above Tiber Reservoir; and -2.4 in the Marias below Tiber Reservoir.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GIBSON Reservoir Inflow	APR-JUL	290	350	390	85	430	490	460
	APR-SEP	330	395	435	86	475	540	505
TWO MEDICINE RIVER nr Browning	APR-JUL	106	145	172	84	199	240	205
	APR-SEP	118	157	184	86	210	250	215
BADGER CREEK nr Browning (2)	APR-JUL	51	71	85	86	99	119	99
	APR-SEP	63	84	99	86	114	135	115
SWIFT RESERVOIR Inflow	APR-JUL	28	43	54	84	65	80	64
	APR-SEP	37	54	65	84	76	93	77
DUPUYER CREEK nr Valier	APR-JUL	2.4	6.2	9.7	69	14.0	22	14.0
	APR-SEP	2.8	7.1	11.0	70	15.9	24	15.7
CUT BANK CREEK nr Browning	APR-JUL	45	57	65	84	73	85	77
	APR-SEP	50	63	71	85	80	92	84
MARIAS RIVER nr Shelby (2)	APR-JUL	198	285	345	83	405	490	415
	APR-SEP	222	310	370	84	430	520	440
TETON nr Dutton	APR-JUL	10.7	25	39	77	58	95	51
	APR-SEP	14.2	30	46	78	67	108	59

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
GIBSON	99.1	60.2	16.2	53.6
PISHKUN	32.0	14.3	17.2	18.3
WILLOW CREEK	32.2	29.0	27.0	23.8
LOWER TWO MEDICINE LAKE	11.9	3.4	10.3	9.7
FOUR HORNS LAKE	19.2	0.0	10.7	12.0
SWIFT	30.0	18.8	16.8	17.4
LAKE FRANCES	112.0	31.8	35.1	69.1
LAKE ELWELL (TIBER)	1347.0	647.0	712.1	645.6

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SUN	7	70	58
TETON	4	83	68
MARIAS	6	80	71
SUN-TETON-MARIAS	15	75	67

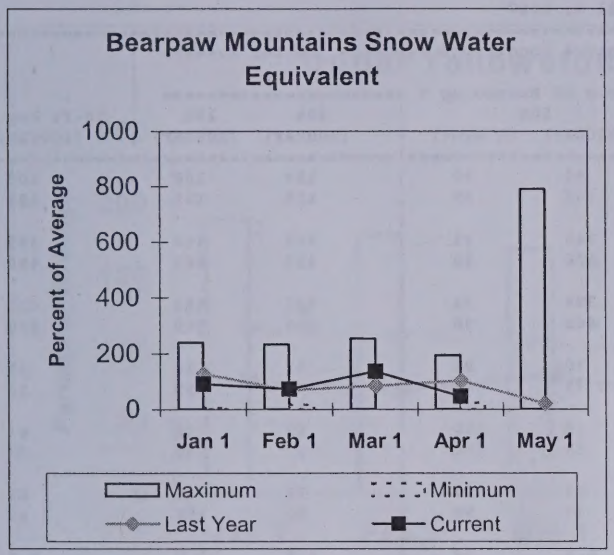
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

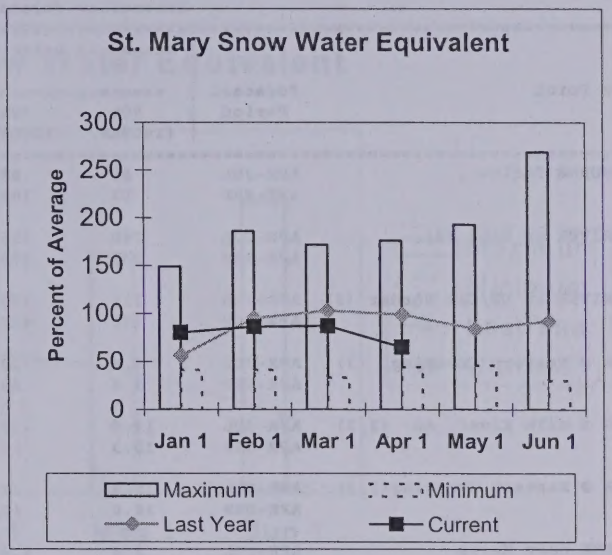
The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

St. Mary and Milk River Basins

Snowpack in the Saint Mary River Basin was well below average and decreased 22 percent from March 1. Snow water content 65 percent of average, 67 percent of last year and fifth lowest of record. The Milk River Basin (Bearpaw Mountains) was severely below average and decreased 68 percent from March 1. Snow water content was 47 percent of average, 45 percent of last year and tied for fifth lowest of record with 1998, 2001, and 2005.

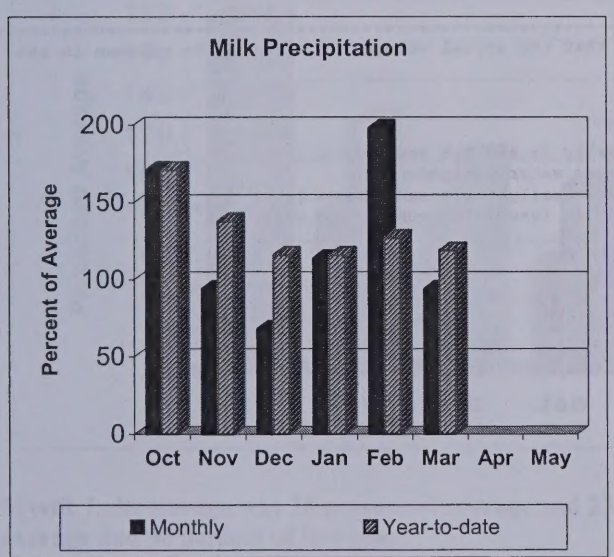


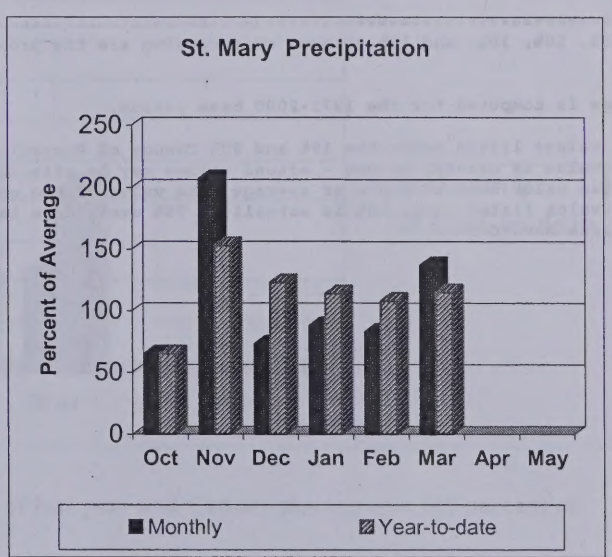


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 2005; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 19972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.

Mountain and valley precipitation in the St. Mary River Basin during March was 137 percent of average and 266 percent of last year; and in the Milk River Basin during March was 94 percent of average and 128 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 116 percent of average and 109 percent of last year.





Assuming average precipitation, April through July streamflows in the St. Mary are forecast to average 83 to 90 percent and in the Milk 63 to 93 percent.

Lake Sherburne storage was 117 percent of average and 127 percent of last year; Fresno storage was 100 percent of average and 108 percent of last year; Beaver Creek storage was 140 percent of average and 103 percent of last year; and Nelson storage was 97 percent of average and 94 percent of last year.

Surface Water Supply Index (SWSI) was -0.9 for the St. Mary and -0.5 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LAKE SHERBURNE Inflow	APR-JUL	80	88	94	90	100	108	105
	APR-SEP	93	103	109	89	115	125	122
ST. MARY RIVER nr Babb (2)	APR-JUL	280	315	340	88	365	400	385
	APR-SEP	335	375	400	89	425	465	450
ST. MARY RIVER at US/CAN Border (2)	APR-JUL	310	360	395	91	430	480	435
	APR-SEP	370	425	465	90	505	560	515
MILK RIVER @ Western Crossing (3)	APR-JUL	8.6	20	30	91	38	50	33
	APR-SEP	9.4	23	33	92	42	55	36
MILK RIVER @ Milk River, AB (2,3)	APR-JUL	13.9	33	48	110	60	80	44
	APR-SEP	15.3	36	53	104	67	89	51
MILK RIVER @ Eastern Crossing(2,3)	APR-JUL	15.8	37	56	92	72	96	61
	APR-SEP	16.6	42	62	90	80	107	69
BEAVER CREEK near Havre	APR-JUL	2.4	4.6	6.8	78	9.6	15.0	8.7

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE SHERBURNE	64.3	30.0	23.6	25.7
FRESNO	127.0	75.0	69.7	75.0
BEAVER CREEK	3.5	3.5	3.4	2.5
NELSON	66.8	34.5	36.8	35.6

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
ST. MARY	3	67	65
BEARPAW MOUNTAINS	3	45	47
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	3	45	47
ST. MARY & MILK BASINS	6	63	63

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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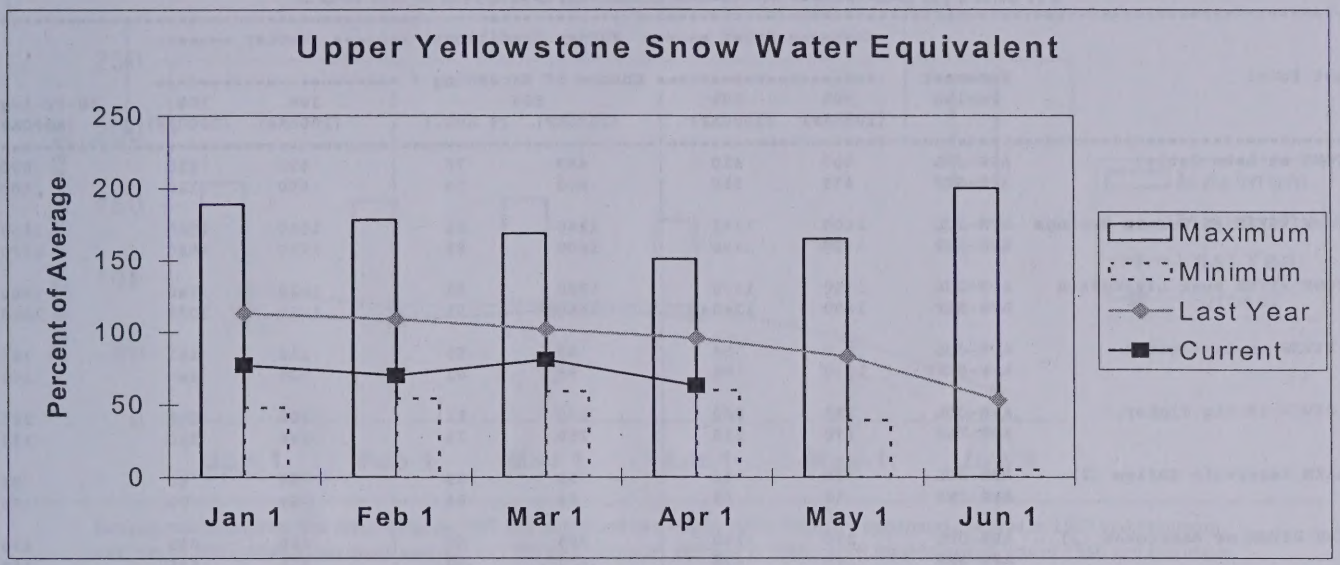
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

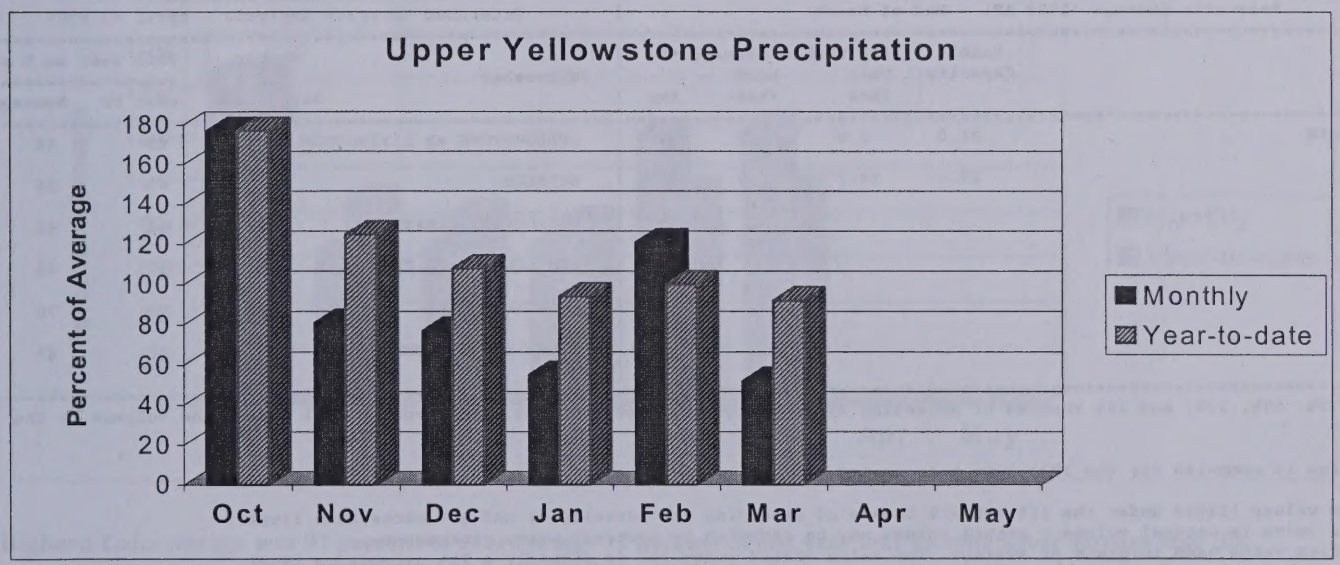
Upper Yellowstone River Basin

Snowpack conditions in the Upper Yellowstone River Basin was well below average and decreased 18 percent from March 1. Snow water content was 63 percent of average, 66 percent of last year and tied for second lowest of record with 1981. The Shields Basin snow water content was tied with 1987 for the lowest of record, Red Lodge-Rock Creek snow water content set a new low and Boulder-Stillwater snow water content was tied for record low with 2001.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1971 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during March was 47 percent of average and 68 percent of last year. Valley precipitation during March was 84 percent of average and 87 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 92 percent of average and 90 percent of last year.



Mystic Lake storage was 78 percent of average and 233 percent of last year and Cooney storage was 102 percent of average and 90 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 67 to 77 percent.

Surface Water Supply Index (SWSI) was -2.4 in the Yellowstone River above Livingston; -3.2 in the Shields River; -3.3 in the Boulder River; -2.3 in the Stillwater River; -3.4 in the Rock/Red lodge Creeks; -2.4 in the Clarks Fork River; and -2.5 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
YELLOWSTONE at Lake Outlet	APR-JUL	350	410	450	76	490	550	590
	APR-SEP	475	550	600	75	650	725	805
YELLOWSTONE RIVER at Corwin Springs	APR-JUL	1100	1240	1340	81	1440	1580	1650
	APR-SEP	1320	1480	1600	81	1720	1880	1970
YELLOWSTONE RIVER near Livingston	APR-JUL	1340	1460	1540	81	1620	1740	1900
	APR-SEP	1600	1740	1840	81	1940	2080	2280
SHIELDS RIVER nr Livingston	APR-JUL	9.0	54	85	59	116	161	145
	APR-SEP	10.0	63	99	61	135	188	162
BOULDER RIVER at Big Timber	APR-JUL	159	200	230	81	260	300	285
	APR-SEP	170	215	250	79	285	330	315
MYSTIC LAKE Reservoir Inflow (2)	APR-JUL	40	46	50	85	54	60	59
	APR-SEP	52	59	64	84	69	76	76
STILLWATER RIVER nr Absarokee (2)	APR-JUL	290	350	395	80	440	500	495
	APR-SEP	355	425	470	80	515	585	585
CLARKS FORK RIVER nr Belfry	APR-JUL	355	405	440	82	475	525	540
	APR-SEP	385	440	475	80	510	565	595
COONEY RESERVOIR Inflow (2)	APR-JUL	5.9	21	31	66	41	56	47
	APR-SEP	12.0	27	38	67	49	64	57
YELLOWSTONE RIVER at Billings (2)	APR-JUL	1850	2400	2770	79	3140	3690	3510
	APR-SEP	2170	2810	3250	79	3690	4330	4120

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MYSTIC LAKE	21.0	1.4	0.6	1.8
COONEY	27.4	18.7	20.7	18.3

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
YELLOWSTONE ab LIVINGSTON	18	69	69
SHIELDS	6	49	55
BOULDER-STILLWATER	7	63	62
RED LODGE-ROCK CREEK	7	77	46
CLARK'S FORK	7	75	70
UPPER YELLOWSTONE BASIN	41	66	63

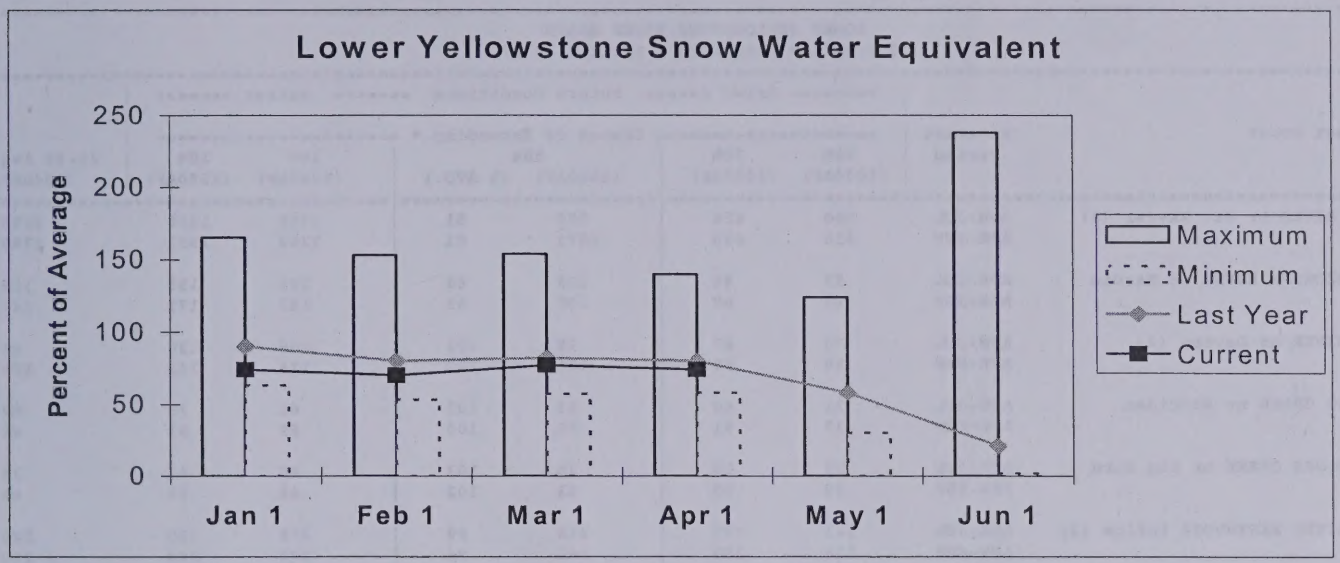
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

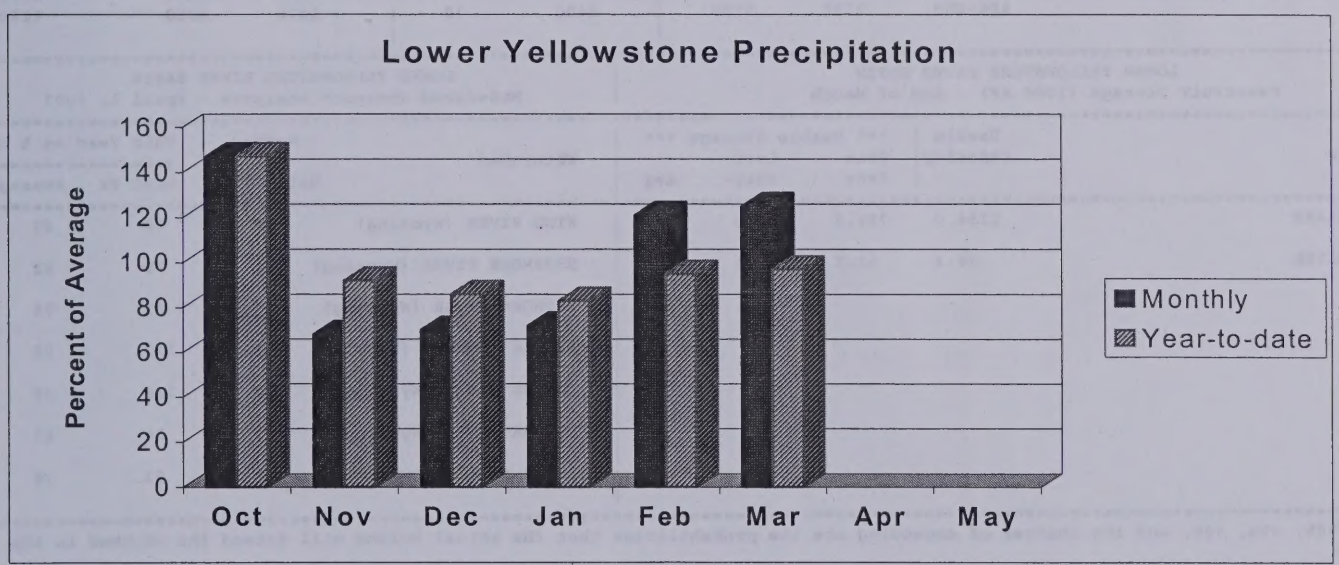
Lower Yellowstone River Basin

Snowpack conditions in the Lower Yellowstone River Basin were below average and decreased 3 percent from March 1. Snow water content was 74 percent of average, 91 percent of last year and tied for fifth lowest of record with 2005.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during March was 125 percent of average and 161 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 97 percent of average and 97 percent of last year.



Bighorn Lake storage was 97 percent of average and 97 percent of last year and Tongue River storage was 206 percent of average and 132 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 59 to 73 percent.

Surface Water Supply Index (SWSI) was -1.9 in the Bighorn River below Bighorn Lake; -1.5 in the Little Bighorn River; -2.2 in the Yellowstone River below Bighorn River; +0.2 in the Tongue River; and -1.7 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - April 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
BIGHORN RIVER nr St. Xavier (2)	APR-JUL	560	810	980	61	1150	1400	1610
	APR-SEP	610	885	1070	61	1260	1530	1760
LITTLE BIGHORN RIVER nr Hardin	APR-JUL	57	86	106	83	126	155	128
	APR-SEP	69	98	120	83	142	171	144
TONGUE RIVER nr Dayton (2)	APR-JUL	70	87	98	102	109	126	96
	APR-SEP	80	98	111	102	124	142	109
BIG GOOSE CREEK nr Sheridan	APR-JUL	31	44	53	102	62	75	52
	APR-SEP	37	51	60	100	69	83	60
LITTLE GOOSE CREEK nr Big Horn	APR-JUL	23	30	35	103	40	47	34
	APR-SEP	30	38	43	102	48	56	42
TONGUE RIVER RESERVOIR Inflow (2)	APR-JUL	121	177	215	98	255	310	220
	APR-SEP	138	200	240	96	280	340	250
YELLOWSTONE RIVER at Miles City (2)	APR-JUL	2460	3290	3860	72	4430	5260	5360
	APR-SEP	2870	3840	4500	73	5160	6130	6210
POWDER RIVER at Moorehead	APR-JUL	29	89	130	63	171	231	205
	APR-SEP	42	103	145	63	187	250	230
POWDER RIVER near Locate	APR-JUL	84	121	146	62	171	208	235
	APR-SEP	92	132	160	62	188	229	260
YELLOWSTONE RIVER nr Sidney (2)	APR-JUL	2400	3260	3840	70	4420	5280	5480
	APR-SEP	2750	3730	4400	70	5070	6050	6280

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BIGHORN LAKE	1356.0	782.2	807.8	809.9
TONGUE RIVER	79.1	62.1	47.1	30.1

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - April 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WIND RIVER (Wyoming)	19	80	65
SHOSHONE RIVER (Wyoming)	6	79	62
BIGHORN RIVER (Wyoming)	20	89	74
LITTLE BIGHORN (Wyoming)	3	113	90
TONGUE RIVER (Wyoming)	10	118	95
POWDER RIVER (Wyoming)	9	94	83
LOWER YELLOWSTONE BASIN (	47	91	74

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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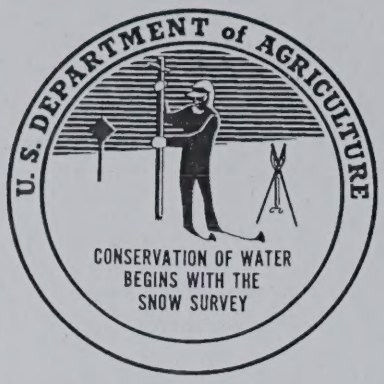
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.



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Montana
Water Supply Outlook Report

Natural Resources Conservation Service
Bozeman, MT